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Plant Quarantine Division
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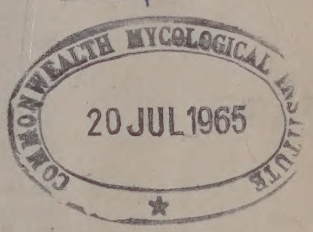

LIST OF INTERCEPTED PLANT PESTS, 1964

(Pests Recorded From July 1, 1963, Through June 30, 1964)

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Plant Quarantine Aid

INTRODUCTION

This report of the 51st year of plant quarantine work in the United States summarizes records of plant pests found in, on, or with plants, plant products, and carriers (1) imported into or entering the United States or the offshore possessions, (2) offered for entry but refused, (3) in quarters or stores of planes and ships, (4) offered for entry for immediate transportation and exportation in bond, (5) in domestic shipments to the mainland from the States of Alaska and Hawaii, the American Virgin Islands, the Commonwealth of Puerto Rico, Guam, and other possessions, or (6) in preclearance inspection in the Bahamas and Bermuda.

The pests listed include insects, mites, snails, bacteria, fungi, nematodes, and viruses of known or potential plant quarantine significance to the United States or of scientific interest. Some common organisms are included if they are new to the country of origin or the host plant.

The list includes identifications received during the fiscal year 1964 and reports some interceptions made during previous years that were determined this year. Most insect and mite identifications are made by specialists of the Entomology Research Division and the Plant Quarantine Division (U.S. Department of Agriculture) and the Department of Entomology of the U.S. National Museum (Smithsonian Institution). However, many pests intercepted in California are identified by collaborating State officials. Snail identifications are now made by personnel of the Plant Quarantine Division except for urgent material which is determined by the Division of Mollusks, Smithsonian Institution. Disease and nematode identifications are made largely by personnel of the Plant Quarantine Division and the Crops Research Division. Many host plants have been identified by workers in the Department of Botany, Smithsonian Institution.

Scientific names of insects and diseases are reviewed by specialists of the Plant Quarantine Division who assist in compiling the list. Nematode names are checked in Nematology Investigations and host names are reviewed in the New Crops Research Branch. Common names of host plants are those shown in Standardized Plant Names. Every effort is made to conform to the International Rules of Nomenclature. Family names are shown with the insects in the tabulation and orders are given in the host list. Classes of diseases are shown in the disease host list.

NOTES ON PESTS INTERCEPTED

The total number of interceptions submitted during the fiscal year 1964 was 35,276, as compared with 31,439 the previous year. This does not include certain common pests which are widespread in this country and are no longer recorded. This year the list has been cut drastically to omit many pests previously included that are now considered to be of little or no plant quarantine significance. Of the total identified during the year, 6,564 were considered important enough to be reported. That figure does not include incompletely determined pests, of which 4,334 were indexed for the files but were not added to the total in the tabulation this year.

Airborne Material

Interceptions arriving by air totaled 11,390, of which 8,750 were insects, mites, or snails and 2,640 were diseases or nematodes. Among the important pests arriving by air were 34 interceptions of the European cherry fruit fly, 154 of the Mediterranean fruit fly, 33 of the Mexican fruit fly, 75 of the olive fly, 30 of the oriental fruit fly, 41 of the pink bollworm, 164 of the West Indian fruit fly, 235 of the yanone scale, 169 of the black spot of citrus, 180 of citrus canker, 169 of the sweet orange scab, and 25 of the golden nematode.

FRUIT FLIES

There were 993 fruit fly interceptions identified to species as follows:

Acanthiophilus eluta(?)(once) in thistle stem in cargo from Greece.

Anastrepha ludens, the Mexican fruit fly, was intercepted 334 times from Mexico and once from Guatemala. Hosts were apple, grapefruit, lime, Mandarin orange, mango, peach, pear, pomegranate, quince, sour orange, sweet orange, and white sapote.

Anastrepha mombinpraeoptans, the West Indian fruit fly (248 times), as an adult in the cargo hold of an airplane and larvae in cherimoya, common cashew, guava, jambolan, mango, sapote, tropical almond, and yellow mombin. Countries of origin were the American Virgin Islands, Brazil, British Honduras, Costa Rica, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Martinique, Mexico, Nicaragua, and Puerto Rico. A. mombinpraeoptans(?) (once) in mango in air baggage from Venezuela.

Anastrepha serpentina (3 times) in cainito star-apple in air baggage from Nicaragua and quince in air baggage from Peru.

Anastrepha striata (twice) in guava in air baggage from Guatemala and Nicaragua.

Anastrepha suspensa (once) in rose-apple in air baggage from Puerto Rico.

Carpomyia incompleta (once) in Zizyphus sp. in air baggage from the United Arab Republic (Egypt).

Ceratitis capitata, the Mediterranean fruit fly (211 times), in Annona sp. fruit, apple, Arabian coffee berry, fig, grapefruit, guava, Indiapoon beauty-leaf fruit, kumquat, lemon, Mandarin orange, mango, medlar, papaya, passionfruit, peach, pear, pepper, persimmon, plum, pomegranate, pricklypear, Prunus sp., pummelo, servicetree mountain-ash fruit, sweet orange, Synsepalum dulcificum, and tropical almond. Countries of origin were: Angola, Argentina, Azores, Brazil, Canary Islands, Costa Rica, Europe (country(?)), France, Greece, Hawaii, Israel, Italy, Lebanon, Libya, Morocco, Nicaragua, Peru, Portugal, Republic of Congo, Republic of South Africa, Spain, Syria, United Arab Republic, and an unknown origin. C. capitata(?)(12 times) in dracena berry, grapefruit, loquat, Mandarin orange, pepper, sweet orange, and tomato from Angola, Brazil, Greece, Hawaii, Italy, Morocco, Spain, and an unknown origin.

Ceratitis colae(?)(twice) in Sudan colanut pod in air baggage from Nigeria.

Dacus cucurbitae, the melon fly (6 times), in agati sesbania flower in air baggage from Hawaii; cucumber seed in mail from Nepal; tomato in air baggage and stores and winter squash in air baggage from Hawaii. D. cucurbitae(?)(3 times) in cucumber in stores from Hawaii.

Dacus dorsalis, the oriental fruit fly (40 times), in Annona sp. fruit, apricot, Averrhoa sp. fruit, avocado, banana, dwarf banana, guava, mail bag and parcel, mango, papaya, passionfruit, purple granadilla, sapote, and tropical almond. Countries of origin were Hawaii, Malaysia, Philippines, and Viet-Nam. D. dorsalis(?)(3 times) in mango in air baggage from Hawaii.

Dacus oleae, the olive fly (84 times), in olive from France, Israel, Italy, Lebanon, Portugal, and Spain.

Euleia heraclei(?)(5 times) in celery in stores from France and the Netherlands and parsley in air stores from France.

Phagocarpus permundus(?)(once) in cotoneaster berry in air baggage from England.

Rhagoletis cerasi, the European cherry fruit fly (34 times) in cherry and sour cherry and loose in air baggage from Europe(country(?)), France, Germany, Hungary, Italy, Poland, and Switzerland.

INSECTS OTHER THAN FRUIT FLIES

Other insects of particular interest were:

Aleurocanthus woglumi (Aleyrodidae), the citrus blackfly (24 times), on Citrus sp. leaf in air baggage from Colombia, Costa Rica, Nicaragua, and an unknown origin, airmail from Nicaragua, and baggage from Mexico; on grapefruit leaf in air baggage from Nicaragua and baggage from Mexico; and on lime leaf in air baggage from Panama and cargo from Mexico.

Amphimallon solstitialis (Scarabaeidae) in cargo hold of airplane from Germany.

Blissus diplopterus (Lygaeidae) on peach in cargo from the Republic of South Africa.

Cladius pectinicornis (Tenthredinidae) on cut roses in air baggage from Ireland and Poland.

Cylas puncticollis (Curculionidae) in sweetpotato in cargo and stores from Sierra Leone.

Dichocrocis punctiferalis (Pyraustidae) in 5-needle pine in baggage and cargo from Japan.

Epiphyas postvittana (Tortricidae)(5 times) in apple in cargo from New Zealand.

Epinotia aporema (Olethreutidae) in string bean in stores from Chile.

Eurydema ornatum (Pentatomidae) with cargo of cased church fixtures from Greece, with a roll of cable in aircargo from Turkey, and with pomegranate in air baggage from Italy.

Laspeyresia strobiella (Olethreutidae) in spruce cone in cargo from Italy.

Matsumuraeses phaseoli (Olethreutidae)(9 times) in green string bean and dry bean in stores from Japan.

Melolontha melolontha (Scarabaeidae) with air baggage and in cargo hold of airplane from France.

Oulema gallaeciana (Chrysomelidae) on cabbage in stores from France.

Oxycarenus hyalinipennis (Lygaeidae) with peach in cargo from the Republic of South Africa and with seed cotton in mail from India.

Perkinsiella saccharicida (Delphacidae) on bell flambeau-tree flower in air baggage from Hawaii.

Prodenia litura (Noctuidae) in airplane from Okinawa, an unknown origin, and Wake Island.

Reticulitermes speratus (Rhinotermitidae) in cycad plant in baggage from Japan.

Sesamia cretica (Noctuidae), the durra stem borer, in broomcorn in cargo from Greece.

Taeniothrips eucharii (Thripidae)(8 times) in autumn lycoris and Lycoris sp. bulbs in cargo and shorttube lycoris in stores from Japan.

Tetranychus viennensis (Tetranychidae)(9 times) on apple in air baggage from Japan, Korea, and the Union of Soviet Socialist Republics, in air stores and stores from Japan and Spain, and in mail from Korea.

Trogoderma granarium (Dermestidae), the khapra beetle (368 times), with almond, anatto-tree seed, baggage, bagging, bean, black pepper, in cargo hold of ship, with cacao bean, celery seed, chestnut, chickpea, cinnamon bark, coffee, common cassava, coriander seed, corn, cottonseed and raw cotton, Cucumis sp. seed, cumin seed, debris, dried pea, fennel seed, general cargo, guar gum, gum arabic, gum hashabi, gum kordofan, gum karaya, gum tragacanth, lentil, miscellaneous dry food, myrabolan nut, peanut, pigeonpea, pistache nut, psyllium husk, rice, stores and in storeroom, and tamarind seed powder. Countries of origin of the hosts were Burma, Ceylon, Cyprus, Formosa, Ghana, Guinea, Hong Kong, India, Indonesia, Iran, Iraq, Ivory Coast, Japan, Korea, Lebanon, Malaysia, Mexico, Netherlands, Nigeria, Pakistan, Seychelles, Sudan, Syria, Thailand, United Arab Republic, and an unknown origin.

SNAILS

The following snails are of special interest:

Achatina fulica, the giant African snail (7 times), with baggage and galangal flowers from Hawaii, with cargo from Guam, in soil with airplane from Viet-Nam, and with Zoysia sp. turf from the Philippines.

Cochlicella barbara (29 times) with automobile, miscellaneous cargo, Japanese hop seed, lima bean seed, and in soil with cargo from Crete, France, Germany, Greece, Italy, Morocco, Netherlands, Spain, Turkey, and the United Arab Republic.

Cochlicella conoidea (5 times) with automobile and miscellaneous cargo from Greece(?) and Morocco.

Helicella caperata, H. conspurcata, H. cretica, H. derbentina, H. explanata, H. itala, H. maritima, H. protea, H. pyramidata, H. trochoides, H. variabilis, and H. virgata were intercepted a total of 104 times with airplane, apple, asparagus, automobile, baggage, broadbean, cabbage, miscellaneous cargo, carnation, geranium, grapefruit, herb, laburnum, lettuce, mint plants, seed of boxwood, goldwreath acacia, Japanese hop, sweetpea, and vetch, soil with cactus, gardenia, honeysuckle, jasmine, and unidentified plants, soil with hyacinth bulb and cargo, straw, and vetch. Countries of origin were the Azores, Crete, France, Germany, Greece, Israel, Italy, Lebanon, Libya, Netherlands, Portugal, Spain, Turkey, and an unknown origin.

Monacha cantiana with cargo from France.

Monacha carthusiana (14 times) with miscellaneous cargo and grass peavine beans; seed of boxwood, common smoketree, Italian clematis, and shrub-althea; and soil with hyacinth bulb, roll of cable wire, and unidentified plants. Countries of origin were England, Greece, Italy, Liberia, and an unknown origin.

Monacha olivieri with cargo from Turkey.

Theba pisana, the Mediterranean land snail (57 times), with automobile, baggage, miscellaneous cargo, seed of cedar, hollyhock, and nasturtium, and in soil with hyacinth bulb. Countries of origin were the Azores, France, Greece, Italy, Libya, Morocco, Spain, Turkey, United Arab Republic, and an unknown origin.

Theba virgata with cargo from Italy.

DISEASES

Elsinoe australis, the sweet orange scab, was intercepted 355 times; 172 from Brazil, 132 from Argentina, 24 from an unknown origin, 15 from South America (country(?)), 10 from Uruguay, and 2 from Paraguay. Hosts were Citrus hybrid, grapefruit, lemon, lime, Mandarin orange, sweet orange, and tangor.

Guignardia citricarpa (Phoma stage), the black spot of citrus, was intercepted 561 times; 265 from the Republic of South Africa, 92 from Hong Kong, 65 from Japan, 33 from Australia, 31 from an unknown origin, 30 from Formosa, 20 from China, 4 each from Mozambique and Thailand, 3 from Viet-Nam, 2 each from Africa (country(?)), Brazil, Korea, Philippines, and South America (country(?)), and 1 each from Argentina, India, Okinawa, and Tahiti(?). Hosts were Citrus reticulata cv., Citrus sp., grapefruit, lemon, lime, Mandarin orange, pummelo, sour orange, sweet orange, and tangor.

Xanthomonas citri, citrus canker, was intercepted 339 times; 159 from Japan, 111 from India, 19 from Formosa, 16 from Hong Kong, 8 from an unknown origin, 5 each from China and Thailand, 4 from Afghanistan, 3 from the Philippines, 2 from Viet-Nam, and 1 each from Indonesia, Laos, Macao, Malaysia, Okinawa, Pakistan(?), and Pitcairn Island(?). Hosts were Citrus hybrid, Citrus sp., grapefruit, ichang bitter orange, lemon, lime, Mandarin orange, pummelo, sour orange, sweet orange, and tangelo.

Xanthomonas sp. (Cancrosis B) was intercepted 11 times; 10 from Argentina and 1 from Brazil. Hosts were lemon and sour orange.

Other diseases of special interest were:

Bagnisiopsis chamaedoreae on chamaedorea palm frond in aircargo and plant in baggage from Mexico.

Coryneum sorbi on European mountain-ash leaf in air baggage from Scotland.

Graphiola borassi on palm leaf and palmyra palm stalk in cargo from India.

Marssonina daphnes on February daphne seed in mail from Italy.

Phoma tuberosa on potato in stores from Japan.

Phyllachora cynodontis on Bermuda grass plant in airmail from Formosa and Kenya and on dogtooth grass stolon in airmail from Zambia (Northern Rhodesia).

Phyllosticta buxina on boxwood in air quarters from England.

Phyllostictina ilicicola on holly leaf in air baggage from Italy.

Puccinia leonotidicola on Leonotis nepetaefolia leaf in baggage from Mexico.

Sphacelotheca digitariae on crabgrass packing in aircargo from Iran.

Thecaphora solani on Solanum stoloniferum tuber and on an unidentified potato tuber in baggage from Mexico.

Thecopsora areolata on Norway spruce cone in cargo from Austria.

Urocystis oxalidis on Oxalis tuberosa tuber in air baggage from Bolivia.

Uromyces muscari on hyacinth bulb in mail from Bulgaria.

NEMATODES

Of particular interest among the nematode interceptions were:

Aphelenchoides saprophilus (first interception) in tree peony in cargo from Japan.

Helicotylenchus microlobus (first interception) in soil with mint plant in baggage from Mexico.

Heterodera avenae, the oat nematode, in soil with automobile, engineering equipment, and used farm tractor in cargo from Belgium, England, Europe (country(?)), and Germany; soil with bamboo shoot in baggage and garlic bulb in cargo from Italy; soil with hydrangea plant in air quarters from England, rose plant in mail from Germany, and unidentified plant in air baggage from Germany and baggage from Italy; and soil with potatoes in stores from England and taro in stores from Japan.

Heterodera fici in soil with fig plant in air baggage from Chile and baggage from Venezuela.

Heterodera humuli in soil with hop root and Japanese fleeceflower plant in mail from Germany and with used farm tractor in cargo from England.

Heterodera rostochiensis, the golden nematode (71 times), from the Azores, Belgium, Denmark, England, Europe (country(?)), France, Germany, Ireland, Netherlands, Peru, Poland, Scotland, Spain, and an unknown origin. Hosts were soil sample, soil with automobile, engineering equipment, miscellaneous cargo, and used farm tractor, soil with various flower plants, and soil with vegetables in baggage, cargo, and stores.

Rootknot nematodes, Meloidogyne arenaria (first time from the Philippines), M. hapla, M. incognita acrita (first time from the Ivory Coast, Peru, and Surinam) M. incognita incognita, and M. javanica javanica, were intercepted a total of 42 times in roots of various plants.

Pratylenchus penetrans in iris rhizome in air baggage from Japan.

Tylenchorhynchus brevidens in soil with olive plant in aircargo from Jordan.

Tylenchorhynchus crassicaudatus in bamboo root in air baggage from Japan and jasmine root in air baggage from the Philippines.

Tylenchorhynchus dubius in soil with engineering equipment in cargo from Belgium.

SUMMARY OF NUMBERS OF INTERCEPTIONS LISTED

Country	Insect	Disease
AFRICA:		
Africa (country(?))	3	2
Algeria	1	0
Angola	3	0
Canary Islands	2	0
Cape Verde Islands	10	0
Ghana	4	0
Guinea	1	0
Ivory Coast	15	1
Kenya	1	2
Liberia	3	0
Libya	12	0
Morocco	51	0
Mozambique	0	4
Nigeria	4	0
Republic of Congo (French Congo)	2	0
Republic of South Africa	10	284
Republic of the Congo (Belgian Congo)	10	0
Rhodesia (Southern Rhodesia)	0	1
Seychelles	1	0
Sierra Leone	2	0
Sudan	41	0
United Arab Republic (Egypt)	15	0
Zambia (Northern Rhodesia)	0	1
ASIA:		
Afghanistan	0	5
Burma	1	0
Ceylon	4	0
China	0	25
China(?)	0	1
Cyprus	1	0
Formosa	25	52
Hong Kong	10	110
India	149	128
Indonesia	4	5
Indonesia(?)	1	0
Iran	17	1
Iraq	7	0
Israel	10	2
Israel(?)	1	0
Japan	564	684
Jordan	0	1
Korea	4	6
Laos	0	1
Lebanon	15	1
Macao	0	1
Malaysia	20	1
Nepal	1	0
Pakistan	20	0
Pakistan(?)	0	1
Saudi Arabia	0	1
Syria	14	0
Thailand	11	11
Thailand(?)	1	0
Turkey	28	0
Viet-Nam	5	9
AUSTRALASIA:		
American Samoa	5	2
Australia	11	48
Australia(?)	1	0
Canton Island	1	0
Fiji	45	1
Guam	7	1

Country	Insect	Disease
AUSTRALASIA--Continued		
Hawaii	421	22
Kwajalein	2	0
Marianas Islands	1	0
New Caledonia	0	1
New Guinea	0	1
New Zealand	7	10
Norfolk Island	0	4
Okinawa	19	2
Okinawa(?)	2	0
Philippines	32	15
Pitcairn Island(?)	0	1
Southwest Pacific	1	0
Tahiti	26	2
Tahiti(?)	0	1
Wake Island	3	0
West Pacific	2	0
EUROPE:		
Albania	1	0
Austria	4	3
Azores	20	2
Belgium	7	6
Belgium(?)	0	1
Bulgaria	0	3
Crete	5	0
Czechoslovakia	3	0
Denmark	10	2
England	74	135
Europe (country(?))	34	8
Finland	1	2
France	72	19
Germany (West)	41	38
Germany(?)	2	0
Greece	84	1
Greece(?)	1	0
Hungary	8	1
Ireland	16	24
Ireland(?)	1	0
Italy	458	31
Italy(?)	2	0
Netherlands	30	16
Norway	6	4
Poland	22	4
Portugal	29	3
Scotland	17	7
Spain	58	11
Sweden	6	1
Switzerland	11	18
Union of Soviet Socialist Republics	1	0
Yugoslavia	7	1
NORTH AMERICA:		
Bermuda	5	0
Canada	1	2
Canada(?)	1	0
Central America:		
British Honduras	6	2
Canal Zone	12	3
Costa Rica	22	12
El Salvador	35	4
Guatemala	48	37
Honduras	12	8
Nicaragua	33	1
Panama	33	11

SUMMARY OF NUMBERS OF INTERCEPTIONS LISTED--Continued

Country	Insect	Disease
NORTH AMERICA--Continued		
Iceland	1	0
Mexico	566	79
West Indies:		
American Virgin Islands	3	0
Anguilla	2	0
Antigua	2	0
Aruba	1	0
Bahamas	10	4
Bahamas(?)	1	0
Barbados	2	0
British West Indies (island(?))	1	0
Cayman Islands	0	1
Cuba	2	0
Dominica	1	1
Dominican Republic	106	6
Dominican Republic(?)	1	0
Grenada	1	0
Haiti	24	3
Jamaica	69	22
Martinique	1	0
Nevis	2	0
Puerto Rico	16	2
Trinidad	11	3
SOUTH AMERICA:		
Argentina	7	146
Bolivia	0	1
SOUTH AMERICA--Continued		
Brazil	66	179
British Guiana	1	0
Chile	5	4
Colombia	24	16
Ecuador	42	2
Paraguay	0	2
Peru	20	10
South America (country(?))	1	17
Surinam	3	3
Uruguay	0	10
Venezuela	7	1
Venezuela(?)	2	0
TOTALS:		
AFRICA	191	295
ASIA	913	1,046
AUSTRALASIA	586	111
EUROPE	1,031	341
NORTH AMERICA	1,031	201
SOUTH AMERICA	178	391
UNKNOWN	182	67
Total insect interceptions	4,112	.....
Total disease interceptions	.....	2,452
GRAND TOTAL	.....	6,564

CHANGES IN NOMENCLATURE

For reference purposes the following list represents name changes which have occurred in recent years.

Insects and Mites:

Aeneolamia varia ssp. saccharina (Dist.) - (=Tomaspis saccharina (Dist.))
Aphididae - (Family name for aphids; formerly Aphidae)
Cadra calidella (Guen.) - (=Ephestia calidella (Guen.))
Chrysodeixis chalcites (Esper) - (=Plusia chalcites (Esper))
Conibosa occidentis (Wlk.) - (=Tibicen occidentis (Wlk.))
Cyrtonota tristigma (Boh.) - (=Stolas tristigma (Boh.))
Elasmolomus v-album (Stal) - (=Aphanus v-album (Stal))
Epiphyas postvittana (Wlk.) - (=Austrotortrix postvittana (Wlk.); =Tortrix postvittana (Wlk.))
Pagiocerus frontalis (F.) - (=P. fiorii (Eggers))
Tydeus kochi Oud. - (=T. croceus (L.))

Diseases:

Aphysa senniana (Sacc.) Doidge - (Syn.: Phaeosphaerella senniana Sacc.)
Ascochyta cynarae Maffei - (Syn.: A. hortorum var. compositarum Malencon.)
Neovossia horrida (Tak.) Padw. & A. Khan - (Syn.: Tilletia horrida Tak.)
Puccinia calcitrapae DC. - (Syn.: P. cirsii Lasch.)

Hosts:

Sorghum dochna var. technicum (broomcorn) - (Formerly S. vulgare var. technicum)

Nematodes:

Meloidogyne incognita incognita (Kofoid & White, 1919) Chitwood, 1949 - (Formerly M. incognita)
M. javanica javanica (Treub, 1885) Chitwood, 1949 - (Formerly M. javanica)

Correction: Uromyces viciae-fabae is the right spelling; U. vicia-fabae was used last year.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
Acanthiophilus eluta (Mg.)(?)(Tephritidae):					
Cirsium sp. (thistle) stem	Greece	1	.....	.....	N.C.
Acanthoderes circumflexa (Duval) (Cerambycidae):					
Cucumis sativus (cucumber)	Honduras	1	.....	.....	Fla.
Acanthoscelides armitagei (Pic)(Bruchidae):					
Cajanus cajan (pigeonpea)	Canal Zone, Panama, Trinidad.	6	.....	.....	Fla., N. Y.
Seed--unidentified	Canal Zone	.....	.....	1	Fla.
Achaea janata (L.)(Noctuidae):					
Anthurium sp. (flower)	Hawaii	1	.....	.....	Hawaii.
Achatina fulica Bowdich (Achatinidae):					
Alpinia purpurata (flower)	...do	1	.....	.....	Hawaii.
Baggage	...do	3	.....	.....	Calif., Hawaii.
Cargo	Guam	1	.....	.....	Oreg.
Soil with airplane	Viet-Nam	1	.....	.....	Hawaii.
Zoysia sp. (turf)	Philippines	.....	.....	1	Hawaii.
Acrago coa Schaus (Dalceridae):					
Coffea sp. (coffee) leaf	Costa Rica	1	.....	.....	La.
Acrolepia assectella (Zell.)(Yponomeutidae):					
Allium porrum (leek)	France, Germany, Italy, Japan, Netherlands.	.....	13	.....	N. C., N. Y., Pa., S. C., Wash.
Acrosternum millieri (M. & R.)(Pentatomidae):					
Pistacia sp. (pistache) fresh nut and leaf	Greece	1	.....	.....	N. Y.
Adoretus sinicus Burm. (Scarabaeidae):					
Airplane	Japan	1	.....	.....	Hawaii.
Alpinia purpurata (leaf)	Hawaii	1	.....	.....	Hawaii.
Anthurium sp. (leaf)	...do	1	.....	.....	Hawaii.
Baggage	...do	1	.....	.....	Calif.
Cocos nucifera (coconut)	...do	1	.....	.....	Hawaii.
Vegetable	...do	1	.....	.....	Hawaii.
Aeoloderma agnatus (Candeze)(Elateridae):					
Fern	Japan	.....	.....	1	Wash.
Aeneolamia varia ssp. saccharina (Dist.) (Cercopidae):					
Cargo (with tropical fish)	Trinidad	1	.....	.....	Fla.
Aethus indicus (Westw.)(Cydnidae):					
Airplane	Okinawa(?)	1	.....	.....	Hawaii.
Agrotis repleta Wlk. (Noctuidae):					
Airplane	Colombia, Venezuela.	1	1	.....	Fla.
Agrotisia subhyalina Hmpsn. (Noctuidae):					
Airplane	Panama	.....	1	.....	Fla.
Aleophagus myersi Essig (Aphididae):					
Aloe sp.	Republic of South Africa.	.....	.....	1	Hawaii.
Aleurocanthus woglumi Ashby (Aleyrodidae):					
Citrus aurantifolia (lime) leaf	Mexico, Panama	14	.....	.....	Ariz., Fla., Tex.
C. paradisi (grapefruit) leaf	Mexico, Nicaragua	2	.....	.....	Fla., Tex.
Citrus sp. (leaf)	Colombia, Costa Rica, Mexico, Nicaragua, unknown.	7	.....	1	Calif., Fla., Tex.
Aleurodicus iridescens Ckll. (Aleyrodidae):					
Aquatic plant	Peru	.....	.....	1	Fla.
Aleurotrachelus jelinekii (Frauen.) (Aleyrodidae):					
Cornus asperifolia (roughleaf dogwood) leaf	Italy(?)	.....	1	.....	N. Y.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Aleyrodes brassicae Wlk. (Aleyrodidae):					
Brassica oleracea var. capitata (cabbage)	Italy	.....	1	.....	N. Y.
Alkindus atratus Dist. (Corimelaenidae):					
Airplane	Panama	1	.....	.....	Fla.
Amnestus bolivari (Signoret)(Cydnidae):					
Cucumis sativus (cucumber)	Mexico	1	.....	.....	Tex.
Amphimallon solstitialis L.(Scarabaeidae):					
Cargo	Germany	1	.....	.....	Del.
Amyna punctum (F.)(Noctuidae):					
Airplane	West Pacific	.....	1	.....	Hawaii.
Anastrepha ludens (Loew)(Tephritidae):					
Casimiroa edulis (white sapote)	Mexico	2	.....	.....	Tex.
Citrus aurantifolia (lime)	...do	22	.....	.....	Calif., Tex.
C. aurantium (sour orange)	...do	3	.....	.....	Ariz., Calif., Tex.
C. paradisi (grapefruit)	...do	18	3	.....	Ariz., Fla., Tex.
C. reticulata (Mandarin orange)	...do	2	.....	.....	Tex.
C. sinensis (sweet orange)	...do	163	35	.....	Ala., Ariz., Calif., Fla., La., Md., N. Y., Pa., Tex.
Cydonia oblonga (quince)	...do	1	.....	.....	Tex.
Malus sylvestris (apple)	...do	1	.....	.....	Tex.
Mangifera indica (mango)	Guatemala, Mexico.	71	5	.....	Ariz., Calif., Fla., N. Y., Tex.
Prunus persica (peach)	Mexico	5	.....	.....	Calif., Tex.
Punica granatum (pomegranate)	...do	3	.....	.....	Calif., Tex.
Pyrus communis (pear)	...do	1	.....	.....	Tex.
Anastrepha mombinpraeoptans Sein (Tephritidae):					
Airplane (cargo hold)	Dominican Republic.	1	.....	.....	Fla.
Anacardium occidentale (common cashew)	Nicaragua	1	.....	.....	Calif.
Annona cherimola (cherimoya)	Mexico	1	.....	.....	Calif.
Calocarpum sapota (sapote)	Guatemala	1	.....	.....	Calif.
Eugenia cuminii (jambolan)	Mexico	1	.....	.....	Tex.
Mangifera indica (mango)	American Virgin Islands, British Honduras, Costa Rica, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Martinique, Mexico, Nicaragua, Puerto Rico.	190	15	.....	Ariz., Calif., Fla., Ga., La., Md., N. Y., Pa., P. R., Tex.
Psidium guajava (guava)	Brazil, El Salvador, Guatemala, Nicaragua.	8	.....	.....	Calif.
Spondias mombin (yellow mombin)	Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua.	29	.....	.....	Calif., La.
Terminalia catappa (tropical almond)	Jamaica	1	.....	.....	La.
Anastrepha mombinpraeoptans Sein(?) (Tephritidae):					
Mangifera indica (mango)	Venezuela	1	.....	.....	N. Y.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Anastrepha serpentina (Wied.)(Tephritidae):					
Chrysophyllum cainito (cainito star-apple)..	Nicaragua.....	1	.....	.....	Calif.
Cydonia oblonga (quince).....	Peru	2	.....	.....	Calif.
Anastrepha striata (Schin.)(Tephritidae):					
Psidium guajava (guava).....	Guatemala, Nicaragua.	2	.....	.....	Calif.
Anastrepha suspensa (Loew)(Tephritidae):					
Eugenia jambos (rose-apple).....	Puerto Rico.....	1	.....	.....	Fla.
Anchastus flavovittatus Champ. (Elateridae):					
Orchid.....	Guatemala, Mexico	1	.....	1	Fla., Tex.
Ancylostomia stercorea (Zell.)(Phycitidae):					
Cajanus cajan (pigeonpea).....	Anguilla, Bahamas, Canal Zone, Dominican Republic, Ecuador, Haiti, Nevis, Panama, Puerto Rico.	23	4	.....	Am. V.I., Bahamas, Fla., N.Y., P.R.
Cicer arietinum (chickpea).....	Panama.....	1	.....	.....	Fla.
Anomala orientalis Waterh. (Scarabaeidae):					
Airplane	Japan.....	1	1	.....	Hawaii.
Anua triphaenoides (Wlk.)(Noctuidae):					
Airplane	Unknown.....	1	.....	.....	Hawaii.
Aonidiella inornata McKenzie (Coccidae):					
Citrus aurantifolia (lime).....	Hawaii.....	1	1	.....	Calif., Oreg.
Cocos nucifera (coconut) cap	Philippines.....	.....	2	.....	Calif.
Gomphrena globosa (common globe-amaranth).	Guam.....	1	.....	.....	Hawaii.
Jasminum sp. (jasmine) stem	Hawaii.....	1	.....	.....	Hawaii.
Palm (leaf).....	Japan.....	.....	1	.....	Calif.
Piper betle (betle pepper).....	Marianas Islands..	1	.....	.....	Calif.
Apate monachus F. (Bostrichidae):					
Khaya sp. (mahogany) log.....	Africa (country(?)).	1	.....	.....	S.C.
Aphanus rolandri (L.)(Lygaeidae):					
Wood (crate).....	Morocco.....	1	.....	.....	Del.
Aphidura pujoli (Gomez-Menor)(Aphididae):					
Dianthus sp. (plant).....	Italy.....	.....	.....	1	N.Y.
Aphis callunae Theob. (Aphididae):					
Calluna vulgaris (heather).....	Scotland	1	.....	.....	N.Y.
Araeocorynus cumingi Jekel (Anthribidae):					
Nut--unidentified.....	Hawaii.....	1	.....	.....	Wis.
Seed (string of beads).....	...do.....	1	.....	.....	Calif.
Archimerus scutellaris (Stal)(Coreidae):					
Orchid.....	Mexico	.....	.....	1	Tex.
Ardis sulcata (Cameron)(Tenthredinidae):					
Rosa sp. (rose).....	Germany, Hungary, unknown.	2	1	.....	Ill., N.Y.
Arge ochropus (Gmel.)(Argidae):					
Rosa sp. (rose).....	Poland.....	1	.....	.....	N.Y.
Argidia wedelina (Cram.)(Noctuidae):					
Airplane	Unknown.....	.....	1	.....	Fla.
Arianta arbustorum (L.)(Helicidae):					
Cargo (conex box).....	France	2	.....	.....	N.Y., Va.
Arocera protea Dist. (Pentatomidae):					
Bromeliad.....	Guatemala	1	.....	.....	Fla.
Cargo.....	Colombia	1	.....	.....	Fla.
Arotrophora arcuatalis (Wlk.)(Tortricidae):					
Banksia sp. (dried foliage).....	Australia	2	.....	.....	Pa.
Arugisa porrectalis (Druce)(Noctuidae):					
Airplane	Costa Rica.....	.....	1	.....	Fla.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Asota lacteata Btlr. (Hypsidae):					
Airplane	Okinawa	.....	1	.....	Hawaii.
Aspidiotus cryptomeriae Kuw. (Coccidae):					
Cephalotaxus sp. (plum-yew)	Japan	.....	2	.....	Hawaii.
Aspidiotus destructor (Signoret)(Coccidae):					
Aglaonema sp. (stem)	Puerto Rico	.....	.....	1	Calif.
Areca cathecu (betel palm)	Guam	1	.....	.....	Calif.
Cocos nucifera (coconut) cap	Costa Rica, Mexico, Philippines.	4	1	.....	Calif.
Musa sp. (banana)	Ecuador	2	.....	.....	Calif.
Zingiber sp. (ginger)	Guam	.....	.....	1	Calif.
Aspidiotus excisus Green (Coccidae):					
Cocos nucifera (coconut)	El Salvador, Mexico.	1	1	.....	Calif.
Musa X paradisiaca (banana)	Ecuador	3	.....	.....	Calif.
Aspidiotus herculeanus Ckll. & Hadden (Coccidae):					
Plumeria rubra (Mexican frangipani)	Hawaii	.....	.....	1	Hawaii.
Plumeria sp.	...do.	.....	.....	1	Calif.
Rhizophora sp. (mangrove)	Mexico	1	.....	.....	Calif.
Asterobemisia carpini (Koch)(Aleyrodidae):					
Rubus sp. (raspberry)	France	.....	1	.....	N. Y.
Asterolecanium epidendri (Bouché) (Asterolecaniidae):					
Dendrobium taurinum (orchid)	Philippines	.....	.....	1	Hawaii.
Asterolecanium pallidum Russell (Asterolecaniidae):					
Orchid	...do.	.....	.....	1	Calif.
Ataenius tenebrosus Arrow (Scarabaeidae):					
Echinodorus sp. (burhead)	Peru	.....	.....	1	Fla.
Athesapeuta cyperi Mshl. (Curculionidae):					
Cibotium sp. (tree fern)	Hawaii	1	.....	.....	Hawaii.
Aulacaspis tubercularis Newst. (Coccidae):					
Mangifera indica (mango)	Mexico	1	.....	.....	Calif.
Persea americana (avocado)	El Salvador	1	.....	.....	Calif.
Azeta versicolor (F.)(Noctuidae):					
Airplane	Colombia	.....	3	.....	Fla.
Batrachedra linaria Clarke (Cosmopterigidae):					
Agave shawii (succulent)	Mexico	.....	.....	1	Calif.
Bephrata maculicollis Cam. (Eurytomidae):					
Annona muricata (soursop)	Colombia, Mexico.	2	1	.....	Fla., La.
Blenina lichenosa Moore(?)(Noctuidae):					
Airplane	Thailand	.....	1	.....	Hawaii.
Blissus diplopterus Dist. (Lygaeidae):					
Prunus persica (peach)	Republic of South Africa.	2	.....	.....	N. Y.
Brachycarenus tigrinus (Schilling)(Rhopalidae):					
Vitis sp. (grape)	Italy	1	.....	.....	N. Y.
Brachycerus algirus (F.)(Curculionidae):					
Allium sativum (garlic) bulb	...do.	1	.....	.....	N. Y.
Bradybaena despecta (Gray)(Bradybaenidae):					
Stores	Japan	.....	1	.....	N. C.
Bradybaena similaris (Fer.)(Bradybaenidae):					
Alpinia purpurata (leaf)	Hawaii	.....	.....	1	Hawaii.
Anthurium sp.	...do.	1	.....	.....	Hawaii.
Fern	Tahiti	.....	.....	1	Hawaii.
Orchid	Bahamas, Brazil, Hawaii.	1	.....	2	Fla., Hawaii, N. J.
Soil with Hoya sp. (waxplant)	Germany	.....	.....	1	Mass.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Bradybaena similaris--Continued					
Strelitizia reginae (flower)	Hawaii	1	.....	.....	Hawaii.
Vanda sp. (orchid) lei	...do	1	.....	.....	Ill.
Brevipalpus chilensis Baker (Tenuipalpidae):					
Citrus limon (lemon)	South America (country(?)).	.....	1	.....	Fla.
Brevipalpus oncidii Baker (Tenuipalpidae):					
Orchid	Colombia	.....	.....	1	Fla.
Bruchidius cinerascens (Gyll.)(Bruchidae):					
Airplane	Spain	.....	1	.....	N.J.
Bruchidius debilis (Gyll.)(Bruchidae):					
Cytisus scoparius (Scotch broom) seed	Austria, Italy	1	.....	1	N.J.
Bruchidius meleagrinus (Géné)(Bruchidae):					
Vicia sativa (vetch)	Spain	1	.....	.....	Md.
Bruchus azoricus Crotch (Bruchidae):					
Vicia sativa (vetch)	Azores	.....	.....	1	Mass.
Bruchus diversipes Lea (Bruchidae):					
Banksia sp. (dried foliage)	Australia	1	.....	.....	Pa.
Bruchus emarginatus Allard (Bruchidae):					
Cicer arietinum (chickpea)	India	1	.....	.....	N.Y.
Lathyrus sp. (peavine)	Italy	1	.....	.....	N.Y.
Bruchus ervi Froel. (Bruchidae):					
Baggage	...do	1	.....	.....	N.Y.
Lens culinaris (lentil)	Greece, Italy, Lebanon, Turkey.	8	3	.....	Mass., N.C., N.Y., Ohio, Tex.
Phaseolus sp. (bean) seed	Netherlands	.....	1	.....	La.
Bruchus lentis Froel. (Bruchidae):					
Lens culinaris (lentil)	Australia, Canada(?), France, Germany, Greece, Italy, Lebanon, Morocco, Netherlands, Scotland, unknown.	11	10	2	Ala., Del., Mass., Md., Mich., N.C., N.J., N.Y., Pa., S.C., Tex.
Phaseolus vulgaris cv. (string bean)	Mexico	.....	1	.....	Md.
Bruchus rufipes Hbst. (Bruchidae):					
Vicia sativa (vetch) seed	Azores, France, Portugal, Spain.	6	.....	1	Ala., Del., Mass., N.J., N.Y.
Bruchus rufipes luteicornis Ill. (Bruchidae):					
Vicia sativa (vetch) pod	Portugal	1	.....	.....	N.Y.
Bruchus signaticornis Gyll. (Bruchidae):					
Lens culinaris (lentil)	Italy	7	.....	.....	Mich., N.Y.
Bruchus tristiculus Fahr. (Bruchidae):					
Lathyrus odoratus (sweetpea)	Greece, Morocco	1	.....	3	N.Y., S.C.
L. sativus (grass peavine) seed	Italy, Portugal	2	.....	.....	Mass., N.Y.
Lathyrus sp. (peavine) seed	Italy, Portugal	1	.....	1	N.Y.
Lens culinaris (lentil) seed	Italy	1	.....	.....	Ill.
Vicia faba (broadbean)	Portugal	1	.....	.....	Mass.
Bruchus tristis Boh. (Bruchidae):					
Lathyrus sativus (grass peavine)	Italy	3	.....	.....	Mass., N.Y.
Lathyrus sp. (peavine) seed	...do	5	.....	1	N.Y.
Lens culinaris (lentil)	...do	1	.....	.....	N.Y.
Lupinus albus (white lupine) seed	...do	.....	.....	1	N.Y.
Bulimulus dysoni (Pfeiffer)(Bulimulidae):					
Bromeliad	Peru	.....	.....	1	Fla.
Busseola fusca Fuller (Noctuidae):					
Ipomoea batatas (sweetpotato)	Kenya	1	.....	.....	Ill.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Cadra calidella (Guen.)(Phycitidae):					
Ficus carica (fig)	Greece	1	.....	.....	N. Y.
Callidium rufipenne Motsch. (Cerambycidae):					
Cargo	Japan, unknown	2	.....	.....	Fla., Ill.
Cupressus sp. (cypress)	Japan	1	.....	.....	Fla.
Packing material	...do	1	.....	.....	Minn.
Pinus sp. (pine) crate	...do	1	.....	.....	N. J.
Quercus sp. (oak) log	...do	1	.....	.....	Calif.
Wood (crate)	...do	1	.....	.....	N. J.
Callirhytis glandium (Giraud)(Cynipidae):					
Quercus sp. (acorn)	Turkey	1	.....	.....	Va.
Callosobruchus analis (F.)(Bruchidae):					
Cicer arietinum (chickpea)	India	1	.....	.....	Hawaii.
Phaseolus aureus (mung bean)	Philippines	.....	1	.....	N. C.
Phaseolus sp. (bean) seed	Indonesia(?)	.....	1	.....	Hawaii.
Pisum sativum (pea)	England	.....	1	.....	Tex.
Stores	India	.....	1	.....	Wash.
Callosobruchus phaseoli (Gyll.)(Bruchidae):					
Baggage	Philippines	1	.....	.....	Hawaii.
Bean--unidentified	Cape Verde Islands.	1	.....	.....	N. Y.
Cajanus cajan (pigeonpea)	...do	1	.....	.....	N. Y.
Cicer arietinum (chickpea)	Barbados	1	.....	.....	N. Y.
Dolichos lablab (hyacinth bean)	Cape Verde Islands, unknown.	8	.....	.....	Mass., N. J., N. Y.
Calyptocephala nigricornis Germ. (Chrysomelidae):					
Plant material (packing for snakes)	Brazil	1	.....	.....	N. Y.
Campylenchia hastata F. (Membracidae):					
Acalypha sp. (copperleaf) cutting	Surinam	.....	.....	1	Fla.
Capaneus tetricus Stal (Coreidae):					
Orchid	Mexico	.....	.....	1	Tex.
Carpomyia incompleta (Beck.)(Tephritidae):					
Zizyphus sp. (jujube)	United Arab Republic.	1	.....	.....	N. Y.
Carpophilus maculatus Murr. (Nitidulidae):					
Mail	Dominican Republic.	1	.....	.....	Fla.
Sterculia urens (karaya gum)	India	1	.....	.....	N. Y.
Carposina niponensis Wlsm. (Carposinidae):					
Malus sylvestris (apple)	Japan	.....	10	.....	Hawaii, N. C., Oreg., S. C., Tex., Wash.
Caryedes germaini (Pic)(Bruchidae):					
Seed--unidentified	Argentina	1	.....	.....	P. R.
Caryedon gonagra (F.)(Bruchidae):					
Acacia sp.	Hawaii	1	.....	.....	Hawaii.
Arachis hypogaea (peanut)	Unknown	.....	1	.....	Mich.
Cargo	...do	1	.....	.....	Ill.
Cassia sp. (senna) pod and seed	Hawaii	6	.....	.....	Hawaii.
Pisum sativum (pea)	Unknown	.....	1	.....	La.
Seed--unidentified	Hawaii	1	.....	.....	Hawaii.
Stores	India	.....	1	.....	Tex.
Tamarindus indica (tamarind) pod and seed	American Virgin Islands, Cape Verde Islands, Hawaii, India, Jamaica, Mexico, Philippines, unknown.	16	3	1	Fla., Hawaii, N. Y., Tex., Wash.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Cenopalpus pterinus Pritchard & Baker (Tenuipalpidae):					
Rosmarinus officinalis (rosemary)	Italy	.....	.....	1	N. Y.
Cenopalpus pulcher (C. & F.)(Tenuipalpidae):					
Malus sylvestris (apple)	Lebanon	1	.....	.....	Wash.
Ceratitis capitata (Wied.)(Tephritidae):					
Annona sp. (fruit)	Portugal	.....	1	.....	Mass.
Calophyllum inophyllum (Indiapoon beauty-leaf) fruit.	Hawaii	1	.....	.....	Hawaii.
Capsicum annuum (pepper)	Angola, Republic of Congo, unknown.	2	1	.....	Mass., N. Y.
C. annuum var. longum (chili pepper)	Azores	1	.....	.....	Mass.
Carica papaya (papaya)	Hawaii	4	.....	.....	Hawaii.
Citrus grandis (pummelo)	Argentina	.....	1	.....	P. R.
C. limon (lemon)	Italy	1	.....	.....	N. Y.
C. paradisi (grapefruit)	Canary Islands, Italy, Peru, Spain, United Arab Republic, unknown.	7	.....	.....	Ga., Md., N. C., Pa., P. R.
C. reticulata (Mandarin orange)	Hawaii, Italy, Nicaragua, Portugal, Spain, Syria, unknown.	9	5	.....	Calif., Fla., Hawaii, Ill., Mass., N. Y., Tex.
C. sinensis (sweet orange)	Argentina, Costa Rica, Greece, Hawaii, Israel, Italy, Libya, Morocco, Portugal, Spain, United Arab Republic, unknown.	13	19	.....	Del., Fla., Hawaii, Ill., La., Mass., N. J., N. Y., Pa., P. R., Tex.
Coffea arabica (Arabian coffee) berry	Brazil, Hawaii	64	.....	1	Calif., Fla., Hawaii, N. Y., P. R.
Cydonia oblonga (quince)	Greece, Italy	3	.....	.....	Ill., N. Y.
Diospyros kaki (kaki persimmon)	Unknown	1	.....	.....	Hawaii.
Diospyros sp. (persimmon)	Azores, Brazil, Italy.	5	.....	.....	Mass., N. Y.
Ficus carica (fig)	Azores, Greece, Italy, Portugal, unknown.	10	.....	.....	Mass., N. Y.
Fortunella sp. (kumquat)	Peru	1	.....	.....	Calif.
Malus sylvestris (apple)	Azores, Italy	2	.....	.....	N. Y., Tex.
Mangifera indica (mango)	Hawaii, United Arab Republic.	3	.....	.....	Hawaii, N. Y.
Mespilus germanica (medlar)	Italy	1	.....	.....	N. Y.
Opuntia humifusa (pricklypear)	...do	13	.....	.....	Ill., Mass., N. Y.
Passiflora sp. (passionflower) fruit	Hawaii	2	.....	.....	Hawaii.
Prunus domestica (plum)	Portugal	.....	1	.....	Pa.
P. persica (peach)	Brazil, France, Italy, Lebanon, Republic of South Africa, Spain, unknown.	4	4	.....	Calif., N. Y., Pa.
Prunus sp	Europe (country(?)), Italy, Spain, unknown.	3	2	.....	Fla., N. Y., P. R.
Psidium guajava (guava)	Azores, Hawaii	10	.....	.....	Hawaii, Mass.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Ceratitis capitata--Continued					
Punica granatum (pomegranate)	Greece, Italy	2	.....	.....	N. Y.
Pyrus communis (pear)	Greece, Italy, unknown.	4	3	.....	N. Y.
Sorbus domestica 'Appleform' (servicetree mountain-ash) fruit.	Italy	2	.....	.....	N. Y.
Synsepalum dulcificum	Ghana	1	.....	.....	N. Y.
Terminalia catappa (tropical almond)	Hawaii	4	.....	.....	Hawaii.
Ceratitis capitata (Wied.)(?)(Tephritidae):					
Capsicum annuum (pepper)	Angola	.....	1	.....	N. Y.
Citrus paradisi (grapefruit)	Italy	.....	1	.....	Ala.
C. reticulata (Mandarin orange)	Unknown	.....	1	.....	N. Y.
C. sinensis (sweet orange)	Brazil, Greece, Italy, Morocco, Spain.	.....	6	.....	Ala., Fla., Tex.
Cordyline sp. (dracena) berry	Hawaii	.....	.....	1	Hawaii.
Eriobotrya japonica (loquat)	Unknown	.....	1	.....	N. Y.
Lycopersicon esculentum (tomato)	Hawaii	.....	1	.....	Hawaii.
Ceratitis colae Silv. (?)(Tephritidae):					
Cola acuminata (Sudan colanut) pod	Nigeria	2	.....	.....	N. Y.
Ceresa vitulus Fowl. (Membracidae):					
Airplane	Jamaica	.....	1	.....	Fla.
Ceroplastes rubens Mask. (Coccidae):					
Alyxia olivaeformis (maile alyxia) leaf	Hawaii	3	.....	.....	Calif., Hawaii.
Anthurium andraeanum (flamingo anthurium)	...do	.....	.....	1	Hawaii.
Peperomia sp.	...do	.....	.....	1	Hawaii.
Chabora nealcesalis (Wlk.)(Noctuidae):					
Airplane	Dominican Republic.	.....	1	.....	Fla.
Chaetocnema ectypa Horn (Chrysomelidae):					
Chrysanthemum sp. (flower)	Mexico	1	.....	.....	Ariz.
Chalciope hyppasia (Cram.)(Noctuidae):					
Airplane	Thailand	.....	1	.....	Hawaii.
Charidotis seminulum (Boh.)(Chrysomelidae):					
Chamaedorea sp. (palm) frond	Mexico	1	.....	.....	Tex.
Chilo luteellus (Mots.)(Crambidae):					
Phragmites communis (common reed)	Japan	2	.....	.....	Calif.
Chilo suppressalis (Wlk.)(Crambidae):					
Oryza sativa (rice)	...do	3	5	.....	Calif., Hawaii, Pa., Wash.
Stores	...do	.....	1	.....	Wash.
Chondrula tridens (Müller)(Bulimulidae):					
Mirabilis sp. (four-o'clock) seed	Denmark	.....	.....	1	Pa.
Chrysodeixis chalcites (Esp.)(Noctuidae):					
Chrysanthemum sp. (leaf)	Japan	.....	1	.....	Hawaii.
Lactuca sativa (lettuce)	Hawaii	2	.....	.....	Hawaii.
Mail (parcel)	...do	1	.....	.....	Hawaii.
Orchid	...do	.....	.....	1	Hawaii.
Chrysolina menthastri Suffr. (Chrysomelidae):					
Baggage (insect collection)	Netherlands	1	.....	.....	N. Y.
Chrysomphalus albopictus (Ckll.)(Coccidae):					
Citrus aurantifolia (lime)	Mexico	.....	1	.....	Calif.
Orchid	...do	1	.....	.....	Calif.
Chrysomphalus personatus (Comst.)(Coccidae):					
Citrus aurantifolia (lime)	...do	.....	2	.....	Calif.
C. sinensis (sweet orange)	Brazil, Mexico	1	2	.....	Calif.
Cocos nucifera (coconut) cap	Costa Rica	1	.....	.....	Calif.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Chrysomphalus rubribullatus (Froggatt) (Coccidae):					
Eucalyptus sp. (branch)	Australia	1	.....	.....	Wash.
Chrysomphalus umboniferus (Newst.)(Coccidae):					
Carica papaya (papaya)	Guatemala	1	.....	.....	Calif.
Orchid (leaf)	Costa Rica, El Salvador.	1	.....	1	Calif.
Cladius pectinicornis (Fourc.) (Tenthredinidae):					
Rosa sp. (rose) cut flower	Ireland, Poland	3	.....	.....	Mass., N.Y.
Cocconotus wheeleri Heb. (Tettigoniidae):					
Cargo (in animal cage)	Panama	1	.....	.....	Fla.
Coccus viridis Green (Coccidae):					
Coffea arabica (Arabian coffee)	Hawaii	1	.....	.....	Hawaii.
Gardenia jasminoides (leaf)	...do	17	1	2	Calif., Hawaii.
G. taitensis (leaf)	...do	2	.....	1	Hawaii.
Gardenia sp. (leaf and stem)	Hawaii, Tahiti	1	.....	1	Calif.
Cochlicella barbara (L.)(Helicellidae):					
Automobile	Germany	1	.....	.....	S.C.
Cargo	Crete, France, Greece, Italy, Morocco, Spain, Turkey.	25	.....	.....	Del., La., Mass., N.C., N.Y., S.C., Va.
Humulus japonicus (Japanese hop) seed	Netherlands	.....	.....	1	Oreg.
Phaseolus lunatus (lima bean) seed	United Arab Republic.	.....	.....	1	D.C.
Soil with cargo	Greece	1	.....	.....	Mass.
Cochlicella conoidea (Drap.)(Helicellidae):					
Automobile	Morocco	1	.....	.....	S.C.
Cargo	Greece(?), Morocco.	4	.....	.....	La., N.C.
Cochlicella ventrosa (Ferussac)(Helicellidae):					
Automobile	Spain	1	.....	.....	Pa.
Buxus sempervirens (boxwood) seed	Italy	.....	.....	2	N.J.
Cargo	Azores, Italy, Morocco, Spain.	9	.....	.....	La., N.C., S.C.
Laburnum sp. (seed)	Italy	1	.....	.....	Ill.
Soil with plants (Asparagus plumosus, Begonia sp., Gardenia sp., and Hyacinthus sp.).	Italy, Lebanon, Portugal.	.....	1	2	Mass., N.C.
Stores (with vegetable)	Unknown	.....	1	.....	S.C.
Syringa sp. (lilac) seed	Germany(?)	.....	.....	1	N.J.
Colaspis inconspicua Jac. (?)(Chrysomelidae):					
Airplane	Costa Rica, unknown.	.....	2	.....	Fla.
Colaspis submetallica Jac.(?)(Chrysomelidae):					
Airplane	Costa Rica	.....	1	.....	Fla.
Conibosa occidentis (Wlk.)(?)(Cicadidae):					
Cargo	Ecuador	1	.....	.....	Fla.
Conoderus exsul (Sharp)(Elateridae):					
Anthurium andraeanum (flamingo anthurium) flower.	Hawaii	1	.....	.....	Hawaii.
Vanda sp. (orchid)	...do	1	.....	.....	Hawaii.
Conoderus rufangulus (Gyll.)(Elateridae):					
Cargo	Azores	2	.....	.....	N.C.
Conotelus mexicanus Murr. (Nitidulidae):					
Chrysanthemum sp. (flower)	Mexico	5	.....	.....	Ariz., Tex.
Flowers (mixed)	Hawaii	1	.....	.....	Hawaii.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Conotelus mexicanus--Continued					
Gardenia sp. (flower)	Hawaii	1	.....	.....	Hawaii.
Hibiscus sp. (flower)	...do	1	.....	.....	Hawaii.
Lactuca sativa (lettuce)	Mexico	1	.....	.....	Tex.
Orchid (flower)	Hawaii	1	.....	.....	Hawaii.
Plumeria rubra (Mexican frangipani) flower	...do	1	.....	.....	Hawaii.
Plumeria sp. (flower)	...do	1	.....	.....	Hawaii.
Vanda 'Miss Joachim' (orchid) flower	...do	9	.....	.....	Hawaii.
Vanda sp. (orchid) flower	...do	3	.....	.....	Hawaii.
Zinnia sp. (flower)	Mexico	1	.....	.....	Tex.
Conotrachelus aguacatae Barber (Curculionidae):					
Persea americana (avocado) seed	...do	4	.....	1	Ill., Tex.
Conotrachelus perseae Barber (Curculionidae):					
Persea americana (avocado)	Costa Rica, Mexico.	2	.....	.....	Calif., Tex.
Coptotermes formosanus Shiraki (Rhinotermitidae):					
Cardboard	Hawaii	1	.....	.....	Hawaii.
Mail (parcel)	...do	2	.....	.....	Hawaii.
Coptotermes niger Snyder (Rhinotermitidae):					
Cargo	Guatemala	1	.....	.....	Fla.
Coptotermes testaceus L. (Rhinotermitidae):					
Soil	Brazil	1	.....	.....	Fla.
Corythaica carinata Uhler (Tingidae):					
Lantana sp. (leaf)	American Virgin Islands.	1	.....	.....	Fla.
Cryphula apicata (Dist.)(Lygaeidae):					
Orchid	Mexico	.....	.....	1	Tex.
Cryphula fasciata (Dist.)(Lygaeidae):					
Orchid	Mexico, Panama	.....	.....	2	Fla., N. Y.
Cryptoblabes gnidiella (Mill.)(Phycitidae):					
Citrus limon (lemon)	Italy	1	.....	.....	N. Y.
C. sinensis (sweet orange)	Greece, Israel, Italy, Spain.	3	4	.....	N. Y.
Punica granatum (pomegranate)	Greece, Italy	6	.....	.....	Mass., N. Y.
Cryptophlebia leucotreta (Meyr.) (Olethreutidae):					
Citrus sinensis (sweet orange)	Republic of South Africa.	.....	2	.....	Md., N. Y.
Cryptophlebia ombrodelta (Lower) (Olethreutidae):					
Litchi chinensis (lychee)	Hawaii	1	.....	.....	Hawaii.
Poinciana pulcherrima (flowerfence poinciana).	...do	1	.....	.....	Hawaii.
Sesbania sp.	...do	1	.....	.....	Hawaii.
Tamarindus sp. (tamarind)	Philippines	1	.....	.....	Hawaii.
Cryptotermes brevis (Wlk.)(Kalotermitidae):					
Baggage	Hawaii	1	.....	.....	Hawaii.
Cardboard	Bahamas	1	.....	.....	Fla.
Flowers	Hawaii	1	.....	.....	Hawaii.
Wood (pallet board)	...do	1	.....	.....	Calif.
Ctenochira cumulata (Boh.)(Chrysomelidae):					
Chamaedorea sp. (palm) foliage	Mexico	1	.....	.....	Tex.
Curculio elephas (Gyll.)(Curculionidae):					
Castanea sativa (European chestnut)	Greece, Italy, Yugoslavia.	4	.....	.....	Calif., Ill.,
Castanea sp. (chestnut)	Greece, Italy, Yugoslavia.	69	.....	.....	Ill., N. Y.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Curculio nucum L. (Curculionidae):					
Corylus avellana (European filbert)	Italy	1	.....	.....	Ill.
Corylus sp. (filbert)	...do	1	.....	.....	N. Y.
Cylas formicarius elegantulus (Summers) (Curculionidae):					
Ipomoea batatas (sweetpotato)	Cuba, Dominican Republic, Haiti.	2	2	.....	Fla., Ga., N. Y.
Cylas puncticollis Boh. (Curculionidae):					
Ipomoea batatas (sweetpotato)	Sierra Leone	.....	2	.....	Md.
Cyrtonota tristigma (Boh.)(Chrysomelidae):					
Cargo	Mexico	1	.....	.....	Tex.
Dacus cucurbitae Coq. (Tephritidae):					
Cucumis sativus (cucumber) seed	Nepal	.....	.....	1	D. C.
Cucurbita maxima (winter squash)	Hawaii	1	.....	.....	Hawaii.
Lycopersicon esculentum (tomato)	...do	.....	2	1	Calif., Hawaii.
Sesbania grandiflora (agati sesbania) flower.	...do	1	.....	.....	Hawaii.
Dacus cucurbitae Coq. (?)(Tephritidae):					
Cucumis sativus (cucumber)	...do	.....	3	.....	Calif., Wash.
Dacus dorsalis Hend. (Tephritidae):					
Annona sp	Viet-Nam	1	.....	.....	Calif.
Averrhoa sp. (fruit)	Malaysia	.....	1	.....	Calif.
Calocarpum sapota (sapote)	Philippines	.....	1	.....	Hawaii.
Carica papaya (papaya)	Hawaii	2	1	.....	Hawaii, Wash.
Mail (mail bag and parcel)	...do	4	.....	.....	Hawaii.
Mangifera indica (mango)	...do	11	1	.....	Calif., Hawaii.
Musa nana (dwarf banana)	...do	1	.....	.....	Hawaii.
Musa X paradisiaca (banana)	...do	2	.....	.....	Hawaii.
Passiflora edulis (purple granadilla)	...do	1	.....	.....	Hawaii.
Passiflora sp. (passionflower) fruit	...do	2	.....	.....	Hawaii.
Persea americana (avocado)	...do	1	.....	.....	Hawaii.
Prunus armeniaca (apricot)	...do	.....	.....	1	Calif.
Psidium guajava (guava)	...do	8	.....	.....	Hawaii, Oreg.
Terminalia catappa (tropical almond)	...do	2	.....	.....	Hawaii.
Dacus dorsalis Hend. (?)(Tephritidae):					
Mangifera indica (mango)	...do	3	.....	.....	Hawaii.
Dacus oleae (Gmel.)(Tephritidae):					
Olea europaea (common olive)	France, Israel, Italy, Lebanon, Portugal, Spain.	82	.....	.....	Fla., Ill., Mass., Mich., N. Y.
Olea sp. (olive)	Italy, Lebanon	2	.....	.....	N. Y.
Darnoides brunneus Germ. (Membracidae):					
Cargo (with tropical fish)	Brazil	1	.....	.....	Fla.
Dasyneura affinis (Kieffer)(Cecidomyiidae):					
Viola sp. (violet)	Italy	.....	.....	2	Mass.
Dendrobias mandibularis Serv. (Cerambycidae):					
Railway car	Mexico	1	.....	.....	Tex.
Dendrocoris variegatus Nelson (Pentatomidae):					
Laelia sp. (orchid)	...do	.....	.....	1	Calif.
Diabrotica speciosa (Germ.)(Chrysomelidae):					
Airplane	Venezuela	.....	1	.....	P. R.
Dialeurodes kirkaldyi (Kot.)(Aleyrodidae):					
Gardenia jasminoides (leaf and stem)	Hawaii	1	.....	2	Calif., Hawaii.
G. taitensis (leaf)	Hawaii, Tahiti	3	2	.....	Hawaii.
Gardenia sp. (leaf and stem)	Hawaii, Tahiti	2	.....	.....	Calif., Hawaii.
Jasminum sp. (leaf)	Hawaii, Tahiti	1	.....	3	Hawaii.
Plumeria sp. (frangipani) leaf	Hawaii	.....	.....	2	Calif., Hawaii.
Dialeurodes tristylii Takah. (Aleyrodidae):					
Cleyera japonica (leaf)	Japan	.....	1	.....	Calif.
Laurus sp. (?)(leaf)	...do	.....	1	.....	Calif.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Diaphania indica (Saund.)(Pyraustidae):					
Cucurbitaceae (fresh vine and leaf)	Jamaica	1	.....	.....	N. Y.
Diaphania lucidalis Hübner (Pyraustidae):					
Airplane	Unknown	.....	1	.....	Fla.
Diaprepes famelicus (Ol.) var. (Curculionidae):					
Cargo (with tent)	Bermuda	1	.....	.....	N. C.
Diaxenes dendrobii Gahan (Cerambycidae):					
Dendrobium sp. (orchid)	Thailand	.....	.....	1	Fla.
Dichocrocis punctiferalis (Guen.)(Pyraustidae):					
Pinus sp. (5-needle pine)	Japan	.....	.....	2	Wash.
Dinoderus japonicus Lesne (Bostrichidae):					
Bamboo	...do.	1	.....	.....	Mich.
Dinoderus ocellaris Steph. (Bostrichidae):					
Bamboo	Philippines	1	.....	.....	Wash.
Diocalandra taitensis (Guer.)(Curculionidae):					
Cocos nucifera (coconut)	Fiji, Hawaii	2	.....	1	Calif.
Dolycoris baccarum (L.)(Pentatomidae):					
Herb--unidentified	Crete	1	.....	.....	N. Y.
Vitis sp. (grape)	Austria	1	.....	.....	Ill.
Draeculacephala clypeata Osborn (Cicadellidae):					
Airplane	Colombia, Ecuador, Panama, unknown.	.....	6	.....	Fla.
Ananas comosus (pineapple)	Ecuador	1	.....	.....	N. Y.
Dryocoetes autographus (Ratz.)(Scolytidae):					
Pinus sp. (pine) bark	Germany	1	.....	.....	Ala.
Dryophthorus insignis Sharp (Curculionidae):					
Cibotium sp. (tree fern) stem	Hawaii	1	.....	.....	Hawaii.
Dryophthorus modestus Sharp (Curculionidae):					
Cibotium sp. (tree fern) log	...do.	4	.....	.....	Calif., Hawaii.
Dryophthorus pusillus Sharp (Curculionidae):					
Cibotium sp. (tree fern)	...do.	3	.....	.....	Hawaii.
Dynastes centaurus (F.)(Scarabaeidae):					
Baggage	Unknown	1	.....	.....	N. Y.
Dysdercus mimulus Hussey (Pyrrhocoridae):					
Airplane	Mexico	.....	1	.....	Fla.
Dyspessa ulula (Bkh.)(Cossidae):					
Allium sativum (garlic)	Italy, Spain	8	.....	.....	Ill., Mich., N. Y., P. R.
Elaphidion spinicorne Drury (Cerambycidae):					
Delonix regia (flamboyant-tree) seed pod	Jamaica	1	.....	.....	N. Y.
Elasmolomus v-album (Stal)(Lygaeidae):					
Baggage	Tahiti	1	.....	.....	Calif.
Elasmucha fieberi (Jak.)(Pentatomidae):					
Crataegus sp. (hawthorn)	Austria	1	.....	.....	N. Y.
Elousa albicans Wlk. (Noctuidae):					
Airplane	Dominican Republic(?), Venezuela(?).	1	1	.....	Fla.
Endelomyia aethiops (F.)(Tenthredinidae):					
Rosa sp. (rose) flower	England, Poland	2	.....	.....	N. Y., Wash.
Eotetranychus carpini (Oud.)(Tetranychidae):					
Rosa sp. (rose)	Mexico	1	.....	.....	Tex.
Epinotia aporema (Wlsm.)(Olethreutidae):					
Phaseolus vulgaris cv. (string bean)	Chile	.....	1	.....	Md.
Epiphyas postvittana (Wlk.)(Tortricidae):					
Malus sylvestris (apple)	New Zealand	5	.....	.....	Hawaii, S. C.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Ernobius abietis (F.)(Anobiidae):					
Picea sp. (spruce) cone	Germany, Italy, Switzerland.	4	.....	.....	Md., N.Y.
Eucalendra setulosa (Gyll.)(Curculionidae):					
Bamboo (pole)	Ecuador	1	.....	.....	Calif.
Euleia heraclei (L.)(?)(Tephritidae):					
Apium graveolens var. dulce (celery)	France, Netherlands.	.....	4	.....	Fla., N.Y., Pa., Tex.
Petroselinum crispum (parsley)	France	.....	1	.....	Mass.
Euphoria basalis (G. & P.)(Scarabaeidae):					
Airplane	Mexico	1	.....	.....	Fla.
Euproctis varians (Wlk.)(Lymantriidae):					
Airplane	Okinawa(?)	1	.....	.....	Hawaii.
Eurydema herbaceum (H.-S.)(Pentatomidae):					
Castanea sp. (chestnut) branch	Italy	1	.....	.....	N.Y.
Eurydema ornatum (L.)(Pentatomidae):					
Cargo	Greece, Turkey	2	.....	.....	Ala., Del.
Punica granatum (pomegranate)	Italy	1	.....	.....	N.Y.
Euscepes postfasciatus (Fairm.)(Curculionidae):					
Ipomoea batatas (sweetpotato)	Dominican Republic, Peru.	1	1	.....	Calif., P.R.
Eustrophinus marginatus (Champ.) (Melandryidae):					
Bromeliad	Mexico	1	.....	.....	Tex.
Orchid	...do.	1	.....	1	Tex.
Euxoa bilitura (Guen.)(Noctuidae):					
Airplane	Unknown	.....	1	.....	Fla.
Euxoa spinifera (Hbn.)(Noctuidae):					
Airplane	...do.	.....	1	.....	Hawaii.
Evergestis forficalis (L.)(Pyraustidae):					
Brassica oleracea var. capitata (cabbage)	Belgium, France, Netherlands, Norway.	.....	6	.....	Ala., N.Y., Pa. P.R., Tex.
Exptochiomera confusa Barber (Lygaeidae):					
Orchid	Mexico	.....	.....	1	Tex.
Frankliniella formosae Moulton (Thripidae):					
Chrysanthemum morifolium (florists chrysanthemum).	Japan	1	1	.....	Hawaii, Wash.
Dianthus caryophyllus (carnation)	...do.	.....	2	.....	Wash.
Gardenia sp. (flower)	Philippines	.....	1	.....	Hawaii.
Frankliniella intonsa (Trybom)(Thripidae):					
Calluna vulgaris (heather)	Scotland	1	.....	.....	N.Y.
Centaurea cyanus (cornflower)	Germany	.....	1	.....	N.Y.
Chrysanthemum sp. (flower)	England, Germany	1	2	.....	N.Y.
Dianthus caryophyllus (carnation)	Czechoslovakia, Poland.	2	.....	.....	N.Y.
Flowers (mixed)	Denmark, Europe (country(?)), Italy.	3	3	.....	N.Y.
Gladiolus sp.	Italy	.....	3	.....	N.Y.
Rosa sp. (rose) flower	England, Germany, Hungary, Poland, Sweden, Switzerland.	10	2	.....	N.Y., Wash.
Tagetes sp. (marigold) petal	Europe (country(?)).	.....	1	.....	N.Y.
Fundella pellucens (Zell.)(Phycitidae):					
Cajanus cajan (pigeonpea) pod	Aruba, Barbados	2	.....	.....	N.Y.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Furcaspis oceanica Ldgr. (Coccidae):					
Cocos nucifera (coconut)	Kwajalein	1	.....	.....	Hawaii.
Galgupha punctifer McA. & Mall. (Pentatomidae):					
Ananas comosus (pineapple)	Mexico	1	.....	.....	Fla.
Brassavola digbyana (orchid)	British Honduras	1	.....	.....	Tex.
Bromeliad	Mexico	.....	.....	1	Tex.
Orchid	...do	2	.....	3	Tex.
Gelechia ericetella (Hbn.)(Gelechiidae):					
Calluna vulgaris (heather)	Germany, Scotland.	3	.....	.....	N. Y.
Genaparlatoria pseudaspidiotus (Ldgr.) (Coccidae):					
Orchid	Malaysia	1	.....	.....	Calif.
Vanda sp. (orchid)	Guam	.....	.....	1	Calif.
Geotomus pygmaeus (Dallas)(Pentatomidae):					
Plant--unidentified	Southwest Pacific	.....	.....	1	Hawaii.
Glyphodes annulata (F.)(Pyraustidae):					
Airplane	Thailand(?)	.....	1	.....	Hawaii.
Gnaphalocrocis medinalis (Guen.)(Pyraustidae):					
Airplane	Viet-Nam	.....	1	.....	Hawaii.
Gnorimoschema gudmannella (Wlsm.) (Gelechiidae):					
Capsicum annuum (pepper)	Guatemala, Mexico.	2	.....	.....	Fla., Tex.
Solanum tuberosum (potato)	Dominican Republic.	1	.....	.....	P. R.
Gnorimoschema ocellatella (Boyd)(Gelechiidae):					
Beta vulgaris (beet)	Italy, United Arab Republic.	.....	2	.....	Pa.
B. vulgaris var. cicla (Swiss chard)	Spain	.....	1	.....	N. Y.
Gortyna flavago (Schiff.)(Noctuidae):					
Cynara scolymus (artichoke)	France, Italy	1	3	.....	Md., N. Y.
Graminella punctata Caldwell (Cicadellidae):					
Airplane	Costa Rica, Dominican Republic.	.....	2	.....	Fla.
Gynaikothrips ficorum (Marchal) (Phlaeothripidae):					
Quarters	Unknown	.....	1	.....	P. R.
Hapalia eupalusalis (Wlk.)(Pyraustidae):					
Airplane	Jamaica	.....	1	.....	Fla.
Haplothrips gowdeyi (Frankl.)(Phlaeothripidae):					
Antirrhinum majus (snapdragon) flower	Haiti	1	.....	.....	P. R.
Flowers (mixed)	...do	4	.....	.....	P. R.
Zoysia sp. (grass) sod	Japan	.....	.....	1	Hawaii.
Helicella caperata (Montagu)(Helicellidae):					
Automobile	Germany	1	.....	.....	Ohio.
Cargo	Greece, unknown	2	.....	.....	Mass., N. J.
Herb--unidentified	Crete, unknown	2	.....	.....	N. Y.
Humulus japonicus (Japanese hop) seed	Netherlands	.....	.....	1	Oreg.
Lathyrus odoratus (sweetpea) seed	Greece	.....	.....	1	N. Y.
Soil with conex box, Hyacinthus sp., and Lonicera sp.	Italy, Netherlands	1	1	1	Ill., Md., N. C.
Helicella conspurcata (Draparnaud) (Helicellidae):					
Brassica oleracea var. capitata (cabbage)	France	.....	1	.....	Fla.
Dianthus caryophyllus (carnation)	Portugal	.....	.....	1	Mass.
Laburnum sp.	Italy	1	.....	.....	Ill.
Mentha sp. (mint)	Portugal	.....	.....	1	Mass.
Soil with cargo and plant	Greece, Italy	1	.....	1	Mass.
Straw	Spain	1	.....	.....	Ill.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Helicella conspurcata--Continued					
Vicia faba (broadbean)	Portugal	1	.....	.....	Mass.
Helicella cretica (Ferussac)(Helicellidae):					
Asparagus sp.	Greece	.....	.....	1	N.Y.
Cargo	Crete, Greece, Turkey.	20	.....	.....	Del., La., Mass., N.Y.
Lactuca sativa (lettuce)	Greece	.....	1	.....	La.
Soil with plants (cactus, Gardenia sp., Jasminum sp., Lonicera sp., Pelargonium sp., and unidentified plant).	Greece, Lebanon	.....	.....	4	Mass.
Helicella derbentina (Andrz.)(Helicellidae):					
Airplane	Turkey	1	.....	.....	Del.
Cargo	...do	14	.....	.....	Del., La., N.Y., Ohio, S.C., Va.
Helicella explanata (Müller)(Helicellidae):					
Cargo	Greece	1	.....	.....	N.C.
Helicella itala (L.)(Helicellidae):					
Cargo (conex box)	Italy	1	.....	.....	La.
Helicella maritima (Draparnaud)(Helicellidae):					
Baggage	...do	2	.....	.....	Mass.
Brassica chinensis (Chinese cabbage)	...do	.....	1	.....	P.R.
Cargo	Azores, Italy, Libya, Spain.	13	.....	.....	La., N.Y., Va.
Citrus paradisi (grapefruit)	Israel	.....	1	.....	Mich.
Pelargonium sp. (geranium)	France	.....	.....	1	N.Y.
Vicia sativa (vetch) seed	Spain	1	.....	.....	Md.
Helicella protea (Ziegler)(Helicellidae):					
Cargo	Turkey	3	.....	.....	Del., La.
Helicella pyramidata (Draparnaud) (Helicellidae):					
Cargo	Greece, Italy, Libya.	3	.....	.....	Ala., La., N.Y.
Helicella trochoides (Poiret)(Helicellidae):					
Acacia saligna (seed)	Italy	.....	.....	1	N.J.
Cargo	Unknown	2	.....	.....	N.C.
Helicella variabilis (Draparnaud)(Helicellidae):					
Buxus sempervirens (boxwood) seed	Italy	.....	.....	1	N.J.
Cargo	France, Italy, Spain.	11	.....	.....	Del., La., N.C., N.Y.
Malus sylvestris (apple)	Italy	.....	1	.....	Pa.
Vicia sativa (vetch)	Spain	1	.....	.....	Pa.
Helicella virgata (DaCosta)(Helicellidae):					
Cargo	Italy	1	.....	.....	Ohio.
Helicina chrysocheila Binney (Helicinidae):					
Chamaedorea sp. (palm)	Mexico	1	.....	.....	La.
Helicina convexa Pfeiffer (Helicinidae):					
Cargo	Bermuda	1	.....	.....	S.C.
Helicina denticulata (Pfeiffer)(Helicinidae):					
Musa X paradisiaca (banana)	Honduras	1	.....	.....	N.Y.
Helicina dysoni (Pfeiffer)(Helicinidae):					
Orchid	...do	.....	.....	1	Fla.
Helicina strebeli Pfeiffer (Helicinidae):					
Petroselinum crispum (parsley)	Mexico	.....	1	.....	Ill.
Helicina zephyrina (Duclos)(Helicinidae):					
Chamaedorea sp. (palm)	...do	1	.....	.....	Tex.
Orchid	...do	.....	.....	1	Tex.
Helix aperta Born (Helicidae):					
Baggage	Italy	3	.....	.....	Mass., N.Y.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Helix aperta--Continued					
Brassica oleracea var. botrytis (cauliflower).	Italy	.....	1	.....	Ala.
B. oleracea var. capitata (cabbage)	Italy, Spain	.....	3	.....	Md., N.Y., Va.
Cynara scolymus (artichoke)	Italy	.....	1	.....	N.Y.
Humulus japonicus (Japanese hop) seed	Netherlands	.....	.....	1	Oreg.
Lactuca sativa (lettuce)	Italy	.....	1	.....	N.Y.
Petroselinum crispum (parsley)	France	.....	1	.....	Mass.
Helix aspersa Müller (Helicidae):					
Automobile	England, France, Mexico.	3	.....	.....	Calif., S.C., Va.
Baggage	Italy	3	.....	.....	Ill., N.Y.
Brassica oleracea var. capitata (cabbage)	Spain	.....	1	.....	Va.
Cargo	France, Greece	2	.....	.....	Mass., N.Y.
Delphinium sp. (flower)	Haiti	1	.....	.....	P.R.
Flowers (mixed)	Bermuda	1	.....	.....	Bermuda.
Herb--unidentified	Mexico	1	.....	.....	Ill.
Soil with Asparagus plumosus	Portugal	.....	.....	1	Mass.
Helix lucorum L. (Helicidae):					
Cargo	Turkey	1	.....	.....	N.Y.
Helix pomatia L. (Helicidae):					
Baggage	Spain	1	.....	.....	P.R.
Mail (parcel)	Italy	1	.....	.....	Wash.
Hemimene juliana (Curt.)(Olethreutidae):					
Castanea sp. (chestnut)	...do	1	.....	.....	N.Y.
Heterobostrychus aequalis (Waterh.) (Bostrichidae):					
Debris	Unknown	1	.....	.....	Mich.
Wood	Formosa, Hawaii, Pakistan, Philippines, Thailand.	5	.....	.....	Calif., La., Md., N.C.
Heterobostrychus brunneus (Murray) (Bostrichidae):					
Wood	Republic of the Congo.	2	.....	.....	Md.
Heterogaster urticae (F.)(Lygaeidae):					
Cargo	France	1	.....	.....	Del.
Heterotermes convexinotatus (Snyder) (Rhinotermitidae):					
Dalbergia sp. (rosewood) log	Brazil	1	.....	.....	La.
Saccharum officinarum (sugarcane)	Puerto Rico	1	.....	.....	Fla.
Zamia sp. (cycad) root	Mexico	1	.....	.....	Tex.
Hylurgops palliatus (Gyll.)(Scolytidae):					
Pinus sp. (pine) bark	Denmark, Germany.	3	.....	.....	Ala., Ohio.
Hylurgus ligniperda (F.)(Scolytidae):					
Pinus sp. (pine) bark on crate	Italy	1	.....	.....	La.
Iridomyrmex iniquus Mayr (Formicidae):					
Orchid	Guatemala	.....	.....	1	Tex.
Kleidocerys truncatulus (Wlk.)(Lygaeidae):					
Calluna vulgaris (heather)	England, Scotland.	2	.....	.....	N.Y.
Lamia textor L. (Cerambycidae):					
Cargo	Italy(?)	1	.....	.....	Fla.
Lampides boeticus (L.)(Lycaenidae):					
Phaseolus vulgaris cv. (string bean)	Japan, Spain	.....	2	.....	Calif., N.Y.
Pisum sativum (pea) pod and seed	Hong Kong, Japan.	2	3	.....	Calif., Hawaii, Wash.
Laspeyresia splendana (Hbn.)(Olethreutidae):					
Baggage	Italy	1	.....	.....	Mass.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Laspeyresia splendana--Continued					
Castanea sativa (European chestnut)	Greece, Italy, Yugoslavia.	3	.....	.....	Calif., Ill.
Castanea sp. (chestnut)	Azores, Canary Islands, France, Germany, Greece, Italy, Portugal, Yugoslavia.	56	.....	.....	Ill., Mass., N.J., N.Y., Pa., P.R.
Quercus suber (cork oak) seed	Italy	.....	.....	1	N.J.
Laspeyresia strobilella (L.)(Olethreutidae):					
Picea sp. (spruce) cone	...do	3	.....	.....	Md.
Lepidosaphes esakii Tak. (Coccidae):					
Cocos nucifera (coconut)	Kwajalein	1	.....	.....	Hawaii.
Lepidosaphes kuwacola Kuw. (Coccidae):					
Ginkgo biloba (ginkgo) tree	Japan	.....	.....	1	Calif.
Leptocorixa acuta (Thunb.)(Coreidae):					
Airplane	Thailand	.....	1	.....	Hawaii.
Leptysma mexicana (Sauss.)(Acrididae):					
Airplane	Mexico	.....	1	.....	Fla.
Lepyronia coleoptrata (L.)(Cercopidae):					
Triticum aestivum (wheat) straw	Italy	1	.....	.....	N.Y.
Leucania formosana (Btlr.)(Noctuidae):					
Airplane	Okinawa	.....	1	.....	Hawaii.
Leucania insecuta Wlk. (Noctuidae):					
Airplane	...do	.....	2	.....	Hawaii.
Leucania pryeri Leech (Noctuidae):					
Airplane	...do	.....	1	.....	Hawaii.
Leucinodes orbonalis Guen. (Pyraustidae):					
Solanum integrifolium (Ethiopean eggplant)	Liberia	1	.....	.....	N.Y.
S. melongena (eggplant)	Ghana	1	.....	.....	N.Y.
Solanum sp.	Nigeria	1	.....	.....	N.Y.
Liocoris tripustulatus (F.)(Miridae):					
Capsicum annuum (pepper)	Hungary	1	.....	.....	N.Y.
Liogenys macropelma Bates (Scarabaeidae):					
Airplane	Unknown	1	.....	.....	Fla.
Locusta migratoria L. (Acrididae):					
Airplane	Okinawa	.....	1	.....	Hawaii.
Lorryia formosa Cooreman (Tydeidae):					
Citrus sinensis (sweet orange)	Brazil	1	.....	.....	Hawaii.
Lygaeus circumplicatus Dist. (Lygaeidae):					
Orchid	Guatemala, Mexico.	.....	.....	4	Fla., Tex.
Plant--unidentified	Mexico	.....	.....	1	Tex.
Lygaeus pandurus (Scop.)(Lygaeidae):					
Airplane	Japan	.....	1	.....	Hawaii.
Stores	Italy	.....	1	.....	Mass.
Lygaeus persimilis Horv. (Lygaeidae):					
Cargo	Spain	1	.....	.....	N.C.
Lygaeus pulchellus (F.)(Lygaeidae):					
Bromeliad	Mexico	.....	.....	2	Tex.
Lygaeus teapensis Dist. (Lygaeidae):					
Lycopersicon esculentum (tomato)	...do	1	.....	.....	Tex.
Lygus punctatus (Zett.)(Miridae):					
Brassica sp. (leaf)	Netherlands	.....	1	.....	La.
Macrolophus nubilis (H.-S.)(Miridae):					
Flowers (mixed)	Italy	1	.....	.....	N.Y.
Macropygium reticulare (F.)(Pentatomidae):					
Cargo	Ecuador	1	.....	.....	Fla.
Orchid (stem)	Costa Rica	1	.....	.....	Fla.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Mamestra brassicae (L.)(Noctuidae):					
Apium graveolens var. dulce (celery)	Italy, Japan	.....	2	.....	N.Y., Wash.
Baggage	England	1	.....	.....	N.Y.
Brassica oleracea var. acephala (collard)	Portugal	.....	1	.....	P.R.
B. oleracea var. botrytis (cauliflower)	France, Italy	.....	2	.....	Ala.
B. oleracea var. capitata (cabbage)	England, France, Germany, Ireland, Italy, Netherlands, Spain.	1	25	.....	Ala., Ill., Md., Minn., N.Y., Pa., P.R.
Chrysanthemum sp. (flower)	England	1	.....	.....	N.Y.
Flowers (mixed)	Germany	1	.....	.....	Ill.
Lactuca sativa (lettuce)	France	.....	1	.....	N.Y.
Maruca testulalis (Geyer)(Pyraustidae):					
Airplane	Unknown, Venezuela.	.....	2	.....	Fla.
Cajanus cajan (pigeonpea) pod	Dominican Republic.	2	.....	.....	N.Y., P.R.
Canavalia microcarpa (mauna loa)	Hawaii	1	.....	.....	Hawaii.
Cargo (with tropical fish)	Colombia	1	.....	.....	Fla.
Phaseolus vulgaris cv. (string bean)	Angola, Ivory Coast, Japan, Puerto Rico.	4	7	.....	Calif., Fla., Mass. N.Y., P.R., Wash.
Matsumuraeses phaseoli (Mats.)(Olethreutidae):					
Phaseolus vulgaris cv. (string bean)	Japan	.....	8	.....	Calif., Wash.
Phaseolus sp. (seed)	...do	.....	1	.....	Oreg.
Megacerus alternatus Bridw. (Bruchidae):					
Ipomoea sp. (branch)	Mexico	1	.....	.....	Ariz.
Leucaena leucocephala (whitepopinac leadtree).	Hawaii	1	.....	.....	Hawaii.
Plant material	...do	1	.....	.....	Hawaii.
Megalogryllus molinai Chop. (Gryllidae):					
Cargo (with tropical fish)	Peru	1	.....	.....	Fla.
Megastigmus pistaciae Wlk. (Torymidae):					
Pistacia sp. (pistache) nut	Italy	1	.....	.....	Wis.
Melamphaus faber (F.)(Pyrrhocoridae):					
Airplane	Unknown	.....	1	.....	Hawaii.
Melanaspis ponderosa Ferris (Coccidae):					
Plant material	Costa Rica	.....	.....	1	Calif.
Rhizophora sp. (mangrove) seed	Mexico	1	.....	.....	Calif.
Melaphis chinensis (Bell)(Aphididae):					
Plant material	Korea	1	.....	.....	Wash.
Melolontha melolontha (L.)(Scarabaeidae):					
Baggage	France	1	.....	.....	Pa.
Cargo (in hold of airplane)	...do	1	.....	.....	Calif.
Melormenis antillarum (Kirk.)(Flatidae):					
Citrus aurantium (sour orange)	Puerto Rico	1	.....	.....	P.R.
Mertila malayensis Dist. (Miridae):					
Phalaenopsis sp. (moth orchid)	Malaysia	.....	.....	1	Hawaii.
Mesomphix caduca (Pfeiffer)(Zonitidae):					
Orchid	Mexico	.....	.....	1	Tex.
Metamasius hemipterus sericeus (Oliv.) (Curculionidae):					
Musa X paradisiaca (banana)	Ecuador, Honduras, Panama.	14	.....	.....	Ala., Calif., Fla., La., N.Y., S.C.
Micrapate mexicana Fisher (Bostrichidae):					
Railway car	Mexico	1	.....	.....	Tex.
Spondias sp. (mombin) seed	Guatemala	.....	.....	1	Fla.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Microplax plagiata (Fieber)(Lygaeidae):					
Flowers (mixed)	Spain	.....	1	.....	N. J.
Mikiola fagi (Hartig)(Cecidomyiidae):					
Fagus sp. (beech)	England	.....	1	.....	Wash.
Minthea reticulata Lesne (Lyctidae):					
Wood (packing case)	India	1	.....	.....	Tex.
Minthea rugicollis (Wlk.)(Lyctidae):					
Grass (dried weaving)	Trinidad	1	.....	.....	N. Y.
Nelumbium sp. (lotus) seed	Hong Kong	1	.....	.....	Hawaii.
Stores	Unknown	.....	1	.....	Calif.
Wood (packing case)	India	1	.....	.....	N. Y.
Mniothripa lichenigera (Hmpsn.)(Noctuidae):					
Airplane	Guam	.....	1	.....	Hawaii.
Mocis frugalis (F.)(Noctuidae):					
Airplane	Unknown	1	.....	.....	Hawaii.
Monacha cantiana (Montagu)(Helicellidae):					
Cargo	France	1	.....	.....	Del.
Monacha carthusiana (Müller)(Helicellidae):					
Buxus sempervirens (boxwood) seed	Italy	.....	.....	3	N. J.
Cargo	Greece, Italy, unknown.	4	.....	.....	La., Mass., N. C., N. J.
Clematis viticella (Italian clematis) seed	Italy	.....	.....	1	N. J.
Cotinus coggyria (common smoketree) seed	...do	.....	.....	1	N. J.
Hibiscus syriacus (shrub-althea) seed	...do	.....	.....	1	N. J.
Lathyrus sativus (grass peavine) bean	...do	1	.....	.....	Mass.
Soil with Hyacinthus sp. (bulb), unidentified plant, and roll of cable wire.	England, Italy, Liberia.	1	2	.....	Mass., N. C., Ohio.
Monacha olivieri (Ferussac)(Helicellidae):					
Cargo	Turkey	1	.....	.....	Del.
Monosteira unicostata Muls. & Rey (Tingidae):					
Baggage (with Punica granatum)	Israel	1	.....	.....	N. Y.
Prunus amygdalus (almond)	Italy	1	.....	.....	N. Y.
Moodna bisinuella Hamps. (Phycitidae):					
Zea mays (corn)	Guatemala, Mexico.	1	1	.....	Calif., Tex.
Morganella longispina (Morg.)(Coccidae):					
Chaenomeles sp. (flowering quince) dwarf plant.	Japan	.....	.....	1	Calif.
Citrus aurantifolia (lime)	Brazil	.....	2	.....	Calif.
C. grandis (pummelo)	Tahiti	2	9	.....	Calif.
C. limon (lemon)	...do	1	.....	.....	Calif.
C. paradisi (grapefruit)	American Samoa, unknown.	.....	2	.....	Calif.
C. reticulata (Mandarin orange)	Japan	.....	4	.....	Calif.
C. sinensis (sweet orange)	Brazil, Japan, Tahiti, unknown.	2	3	.....	Calif.
Mormidea collaris Dallas (Pentatomidae):					
Orchid	Mexico	1	.....	.....	Tex.
Mumetopia nigrimana (Coq.)(Anthomyzidae):					
Airplane	Dominican Republic.	.....	2	.....	P. R.
Myocalandra exarata Boh. (Curculionidae):					
Bambusa sp. (bamboo) packing board	India	1	.....	.....	Md.
Myodocha giraffa Stal (Lygaeidae):					
Orchid	Colombia	.....	.....	1	Fla.
Myodocha intermedia Dist. (Lygaeidae):					
Airplane	Panama	1	.....	.....	Fla.
Nasutitermes corniger (Motsch.)(Termitidae):					
Dalbergia sp. (rosewood) log	British Honduras	1	.....	.....	La.
Orchid	Peru	1	.....	.....	Fla.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	MONENTRY	PROPAGATION	
Nasutitermes costalis (Holmgr.)(Termitidae):					
Orchid	Jamaica	.....	.....	1	Fla.
Nasutitermes guayanae (Holmgr.)(Termitidae):					
Schomburgkia sp. (orchid) pseudobulb	Trinidad	.....	.....	1	Fla.
Nasutitermes nigriceps (Hald.)(Termitidae):					
Ananas comosus (pineapple)	Mexico	1	.....	.....	Tex.
Orchid	British Honduras	.....	.....	1	Fla.
Nasutitermes rippertii (Rambur)(Termitidae):					
Airplane	Bahamas	.....	1	.....	Fla.
Naupactus xanthographus (Germ.)(Curculionidae):					
Cucumis melo 'Honeydew' (honeydew melon)	Chile	1	.....	.....	N. Y.
Neella eucosmus (Stal)(Miridae):					
Nephthytis sp. (seed pod)	Mexico	.....	.....	1	Tex.
Neoclytus acuminatus (F.)(Cerambycidae):					
Debris	Unknown	1	.....	.....	Md.
Neoleucinodes elegantalis (Guen.)(Pyraustidae):					
Lycopersicon esculentum (tomato)	Mexico	2	.....	.....	Md., Tex.
Solanum quitoense ("naranjilla")	Colombia	1	.....	.....	Fla.
Neophyllaphis araucariae Takah. (Aphididae):					
Araucaria excelsa (Norfolk-Island-pine)	Hawaii	1	.....	.....	Hawaii.
Neotermes chilensis (Blanchard)(Kalotermitidae):					
Wood (crate)	Chile	1	.....	.....	N. Y.
Nephotettix apicalis (Motsch.)(Cicadellidae):					
Airplane	Canton Island, Japan, Philippines, Thailand, unknown, Viet-Nam, Wake Island.	2	7	.....	Hawaii.
Cargo hold (of ship)	India, unknown	2	.....	.....	Md., S. C.
Nephotettix cincticeps (Uhler)(Cicadellidae):					
Airplane	West Pacific	.....	1	.....	Hawaii.
Nezara viridula var. hepatica Horvath (Pentatomidae):					
Packing material (fibrous)	Spain	1	.....	.....	Del.
Nezara viridula var. torquata (F.) (Pentatomidae):					
Cargo (wooden crate)	...do.	1	.....	.....	Del.
Packing material (fibrous)	...do.	1	.....	.....	Del.
Norellia longipennis Séguy (Anthomyiidae):					
Narcissus sp. (bulb)	Greece	.....	.....	1	N. Y.
Nymphula badiosalis (Wlk.)(Pyraustidae):					
Cargo hold (of ship)	Unknown	1	.....	.....	Mich.
Nysius caledoniae Dist. (Lygaeidae):					
Vanda 'Miss Joachim' (orchid) flower	Hawaii	1	.....	.....	Hawaii.
Nysius helveticus (H.-S.)(Lygaeidae):					
Allium sativum (garlic)	Portugal	1	.....	.....	Mass.
Nysius kingbergi Usinger (Lygaeidae):					
Vanda 'Miss Joachim' (orchid) flower	Hawaii	1	.....	.....	Hawaii.
Oenopiella unidentata (Spinola)(Pentatomidae):					
Cucumis melo 'Honeydew' (honeydew melon)	Chile	1	.....	.....	
Ogdoecosta biannularis (Boh.)(Chrysomelidae):					
Baggage	Mexico	1	.....	.....	Calif.
Plant material	...do.	1	.....	.....	Ariz.
Ogdoecosta catenulata (Boh.)(Chrysomelidae):					
Bromeliad	...do.	.....	.....	1	Tex.
Chamaedorea oblongata (palm) leaf	...do.	1	.....	.....	Tex.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Opeas pyrgula Schmacker & Boettger (Achatinidae):					
Automobile	Hawaii	1	.....	.....	Ga.
Oplomus pulchra Dallas (Pentatomidae):					
Bromeliad	Mexico	1	.....	.....	Tex.
Orchidophilus aterrimus (Waterh.) (Curculionidae):					
Alpinia purpurata (flower)	Hawaii	1	.....	.....	Hawaii.
Cattleya sp. (orchid) flower	...do	1	.....	.....	Hawaii.
Dendrobium sp. (orchid) flower	...do	2	.....	.....	Hawaii.
Orchid (lei and plant)	Hawaii, Philippines.	1	.....	1	Calif.
Vanda 'Miss Joachim' (orchid) flower	Hawaii	1	.....	.....	Hawaii.
Orgyia dubia (Tausch.) form umbripennis Strd. (Lymantriidae):					
Allium sativum (garlic)	Italy	1	.....	.....	Ill.
Orthotylus ericetorum (Fall.) (Miridae):					
Calluna vulgaris (heather)	England	.....	.....	1	N. Y.
Osmilia flavolineata (DeG.) (Acrididae):					
Cargo (with Musa sp.)	Ecuador	1	.....	.....	Fla.
Ostrinia nubilalis (Hbn.) (Pyraustidae):					
Arctium lappa (burdock)	Japan	.....	1	.....	Calif.
Capsicum annuum var. grossum (bell pepper).	Italy, Japan	.....	3	.....	Hawaii, Md., Wash.
Cargo (with Mangifera indica in monkey cage).	Panama	1	.....	.....	Fla.
Gladiolus sp. (flower)	Italy	.....	1	.....	N. Y.
Lycopersicon esculentum (tomato)	Venezuela(?)	.....	1	.....	Pa.
Panicum miliaceum (millet)	Netherlands	1	.....	.....	Calif.
Phaseolus vulgaris cv. (string bean)	Italy, Japan	.....	15	.....	Mich., Ohio, Wash.
Sorghum dochna var. technicum (broomcorn)	Yugoslavia	3	.....	.....	Md., Mich.
Zea mays (corn)	Italy, Japan	2	2	.....	N. Y., Wash.
Otala lactea (Müller) (Helicidae):					
Cargo	Morocco	1	.....	.....	Va.
Cargo hold (of ship)	Japan, Morocco	3	.....	.....	Calif., Ill.
Otala vermiculata (Müller) (Helicidae):					
Baggage (snails for food)	Greece, Italy	8	.....	.....	Ill., Mass., N. Y.
Brassica oleracea var. botrytis (cauliflower)	France	.....	1	.....	N. Y.
B. oleracea var. capitata (cabbage)	Italy	.....	1	.....	N. Y.
Cargo	Cuba, Greece	3	.....	.....	N. Y., Va.
Oulema gallaeciana (Heyd.) (Chrysomelidae):					
Brassica oleracea var. capitata (cabbage)	France	.....	1	.....	Md.
Ovatus crataegarius (Wlk.) (Aphididae):					
Mentha sp. (mint)	Chile, Italy, Mexico.	4	.....	.....	Fla., Ill., Mass., Tex.
Oxyblepta limbatipennis Stål (Acrididae):					
Orchid	Panama	.....	.....	1	Fla.
Oxycarenus hyalinipennis (Costa) (Lygaeidae):					
Gossypium sp. (seed cotton)	India	.....	.....	1	DC.
Prunus persica (peach)	Republic of South Africa.	1	.....	.....	N. Y.
Oxyodes scrobiculata (F.) (Noctuidae):					
Airplane	Thailand	.....	1	.....	Hawaii.
Ozophora concava (Dist.) (Lygaeidae):					
Bromeliad	Mexico	.....	.....	1	Tex.
Pachybrachius albocinctus Barber (Lygaeidae):					
Cucumis melo var. cantalupensis (cantaloupe).	...do	1	.....	.....	Ariz.
Pachybrachius globiceps (Stal) (Lygaeidae):					
Orchid	Ecuador	.....	.....	1	Fla.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Pachybrachius nietneri (Dohrn)(Lygaeidae):					
Airplane	Okinawa	.....	1	.....	Hawaii.
Pachybrachius pacificus (Stal)(Lygaeidae):					
Gardenia jasminoides (flower)	Hawaii	1	.....	.....	Hawaii.
Pachycoris fabricii L. (Pentatomidae):					
Citrus aurantium (sour orange)	Puerto Rico	1	.....	.....	P. R.
Pachygrontha oedancalodes Stal (Lygaeidae):					
Bromeliad	Mexico	.....	.....	1	Tex.
Pagiocerus frontalis (F.)(Scolytidae):					
Persea sp. (avocado) seed	...do	.....	.....	1	Tex.
Zea mays (corn)	Colombia, Ecuador, Panama, Peru.	18	1	.....	Calif., Fla., Ill., La., N. Y.
Pangaeus aethiops (F.)(Pentatomidae):					
Cargo (with tropical fish)	Brazil	1	.....	.....	Fla.
Pangaeus docilis (Wlk.)(Pentatomidae):					
Orchid	Mexico, Peru	.....	.....	2	Fla., Tex.
Parastichtis monoglypha (Hufn.)(Noctuidae):					
Airplane	Ireland(?), unknown	2	.....	.....	Mass., Pa.
Parisoschoenus flavolimbatus Champ. (Curculionidae):					
Chamaedorea oblongata (palm)	Mexico	2	.....	.....	Tex.
Parlatoria cinerea Hadden (Coccidae):					
Citrus aurantifolia (lime)	Brazil, Mexico	1	3	.....	Calif.
C. grandis (pummelo)	Tahiti	.....	4	.....	Calif.
C. limon (lemon)	Brazil, Japan, Spain.	.....	5	.....	Calif.
C. paradisi (grapefruit)	American Samoa, Honduras, Nicaragua, Surinam, Trinidad.	.....	6	.....	Calif.
C. reticulata (Mandarin orange)	Formosa, Guatemala.	.....	3	.....	Calif.
C. sinensis (sweet orange)	Brazil, Formosa, Italy, Panama, Spain, Trinidad, unknown.	3	32	.....	Calif.
Jasminum sp. (jasmine)	Hong Kong	.....	.....	1	Hawaii.
Parlatoria zizyphus (Lucas)(Coccidae):					
Citrus aurantifolia (lime)	Indonesia, Thailand.	1	1	.....	Calif.
C. grandis (pummelo)	Formosa, Japan, Thailand.	.....	3	.....	Calif., Pa.
C. limon (lemon)	Formosa, Italy, Japan, unknown.	2	11	.....	Calif., N. Y., Wash.
C. mitis (calamondin orange)	Philippines	.....	1	.....	Hawaii.
C. paradisi (grapefruit)	Israel(?), Italy, Trinidad.	.....	5	.....	Calif., N. Y., Pa.
C. reticulata (Mandarin orange)	Formosa, Hong Kong, Italy, Japan, Morocco, Okinawa.	4	3	.....	Calif., N. Y., Wash.
C. sinensis (sweet orange)	Africa (country(?)), Brazil, Formosa, France, Greece, Italy, Japan, Morocco, Thailand, unknown.	8	22	.....	Calif., Hawaii, N. Y., Pa., Wash.
Citrus sp. (dried peel and leaf)	Formosa, Hong Kong, Philippines, unknown.	2	1	3	Calif., Hawaii, Ill., N. Y.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
Paromius piratoides (Costa)(?)(Lygaeidae):					
Airplane	Wake Island	.....	1	.....	Hawaii.
Patanga japonica (Bol.)(Acrididae):					
Baggage (as pet)	Japan	1	.....	.....	Wash.
Paulinia acuminata (DeG.)(Acrididae):					
Cargo (with tropical fish)	Colombia	1	.....	.....	Fla.
Pectinophora gossypiella (Saund.)(Gelechiidae):					
Gossypium tomentosum (Hawaiian cotton)	Hawaii	1	.....	.....	Hawaii.
Gossypium sp. (cotton) boll, seed, and waste.	Albania, Antigua, Bahamas, British West Indies (Island(?)), Dominican Republic, Grenada, Hawaii, Mexico, Turkey.	16	.....	2	Bahamas, Fla., Hawaii, Mass., Tex.
Hibiscus esculentus (okra)	Antigua, Dominican Republic, Ghana, Haiti, Jamaica, Mexico, Trinidad.	36	5	.....	Fla., N.Y., Pa., P.R., Tex.
Pentalonia nigronervosa Coq. (Aphididae):					
Alpinia purpurata (red galangal)	American Samoa, Hawaii.	32	.....	.....	Hawaii.
Colocasia sp. (elephants ear) leaf	Peru	.....	.....	1	Fla.
Flowers (mixed)	Hawaii	1	.....	.....	Hawaii.
Zingiber officinale (ginger) flower	Canal Zone, Hawaii.	4	.....	.....	Calif., Fla.
Perkinsiella saccharicida Kirk. (Delphacidae):					
Spathodea campanulata (bell flambeau-tree) flower.	Hawaii	1	.....	.....	Hawaii.
Phagocarpus permundus (Harris)(?)(Tephritidae):					
Cotoneaster sp. (berry)	England	1	.....	.....	Pa.
Phalonia zephyrana (Treit.)(Phaloniidae):					
Daucus carota var. sativa (carrot)	France, Italy	.....	5	.....	Ala., Pa.
Pheidole megacephala (F.)(Formicidae):					
Ananas comosus (pineapple)	Australia(?), Hawaii.	2	1	.....	Calif., Hawaii.
Bean	Hawaii	.....	1	.....	Calif.
Bromeliad	Guatemala	1	.....	.....	Fla.
Cargo (tent)	Bermuda	1	.....	.....	N.C.
Cibotium sp. (tree fern) log	Hawaii	1	.....	.....	Calif.
Citrus sp. (leaf)	Dominican Republic.	1	.....	.....	Fla.
Cordyline terminalis (ti) stem	Hawaii	1	.....	.....	Hawaii.
Dalbergia sp. (rosewood) log	Honduras	1	.....	.....	La.
Fragaria sp. (strawberry) plant	France	.....	.....	1	N.Y.
Hibiscus sp. (flower)	Bahamas, Hawaii.	2	.....	.....	Fla., Hawaii.
Lycopersicon esculentum (tomato)	Philippines	1	.....	.....	Hawaii.
Orchid	British Honduras	1	.....	.....	Fla.
Pisum sativum (pea)	Hawaii	1	.....	.....	Hawaii.
Plant material--unidentified	Guam, Honduras	1	.....	1	Fla., Hawaii.
Saccharum officinarum (sugarcane)	American Samoa	1	.....	.....	Hawaii.
Soil with grass	Republic of South Africa.	.....	.....	1	D.C.
Wood (driftwood and log)	American Samoa, Bermuda.	2	.....	.....	Calif., Mass.
Zingiber officinale (ginger)	Fiji	7	.....	.....	Calif., Hawaii.
Phlyctinus callosus Boh. (Curculionidae):					
Vitis sp. (grape)	Republic of South Africa.	2	.....	.....	N.Y.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Phurys immunis Guen. (Noctuidae):					
Airplane	Dominican Republic.	.....	1	.....	Fla.
Phyllotreta cruciferae (Goeze)(Chrysomelidae):					
Raphanus sativus (radish)	Israel	.....	1	.....	N. Y.
Phytobia (Cephalomyza) cepae (Hering) (Agromyzidae):					
Allium fistulosum (Welsh onion)	Japan	.....	1	.....	Wash.
Phytomyza rufipes Meig. (Agromyzidae):					
Brassica oleracea var. botrytis (cauliflower)	Belgium, England, France, Germany, Netherlands.	.....	10	.....	Ala., Md., Pa., Tex.
B. oleracea var. capitata (cabbage)	Algeria, Belgium, England, Scotland.	.....	5	.....	Ala., Pa., Tex., Va.
B. rapa (turnip)	England, Malaysia	.....	2	.....	La., Tex.
Cichorium endivia (endive)	Belgium	1	.....	.....	N. Y.
Lactuca sativa (lettuce)	Netherlands	.....	1	.....	Tex.
Raphanus sativus (radish)	Denmark	.....	1	.....	N. Y.
Pieris brassicae (L.)(Pieridae):					
Airplane	Greece	1	.....	.....	Del.
Brassica oleracea var. botrytis (cauliflower)	Italy	.....	1	.....	Ala.
B. oleracea var. capitata (cabbage)	France, Ireland	.....	2	.....	N. Y.
B. rapa (turnip)	France	.....	1	.....	N. Y.
Cargo	Greece	3	.....	.....	Del., La., Md.
Stores	Netherlands	.....	1	.....	N. Y.
Piletocera pseudadelpha (Meyr.)(Pyraustidae):					
Zingiber officinale (ginger)	Fiji	6	.....	.....	Calif.
Pineus harukawai Inouye (Chermidae):					
Pinus parviflora (Japanese white pine)	Japan	.....	.....	1	Wash.
Pityogenes chalcographus (L.)(Scolytidae):					
Pinus sp. (pine) bark	Norway	1	.....	.....	N. Y.
Wood (bark on crate)	Sweden	2	.....	.....	Ga., Va.
Plagiognathus arbustorum (F.)(Miridae):					
Rosa sp. (rose)	...do	1	.....	.....	N. Y.
Platoeceticus symmicta Dyar (Psychidae):					
Ananas comosus (pineapple)	Mexico	1	.....	.....	Tex.
Platyedra vilella (Zeller)(Gelechiidae):					
Cardboard (spool of cable)	Turkey	1	.....	.....	Del.
Platypus rugulosus Chap. (Platypodidae):					
Prioria copaifera (cativo) log	Colombia	1	.....	.....	S. C.
Plemeliella abietina Seitner (Cecidomyiidae):					
Picea abies (Norway spruce) seed	Denmark	.....	.....	1	N. J.
P. glauca (white spruce) seed	Austria, Denmark.	.....	.....	2	N. J.
Popillia lewisi Arrow (Scarabaeidae):					
Airplane	Okinawa	.....	4	.....	Hawaii.
Cargo (aircraft parts)	...do	1	.....	.....	Calif.
Prays oleellus (F.)(Yponomeutidae):					
Olea europaea (olive)	Italy, Lebanon	6	.....	.....	N. Y.
Prodenia litura (F.)(Noctuidae):					
Airplane (cargo hold and quarters)	Okinawa, unknown, Wake Island.	1	7	.....	Hawaii.
Pseudaletia separata (Wlk.)(Noctuidae):					
Airplane	Okinawa	.....	2	.....	Hawaii.
Pseudaonidia trilobitiformis (Green)(Coccidae):					
Citrus aurantifolia (lime)	Brazil	.....	3	.....	Calif.
C. limon (lemon)	...do	.....	1	.....	Calif.
C. sinensis (sweet orange)	Argentina	.....	1	.....	Calif.
Pseudischnaspis alienus Newst. (Coccidae):					
Oncidium sp. (orchid)	Costa Rica	.....	.....	1	Calif.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Pseudococcus citriculus (Green)(Coccidae):					
Zingiber sp. (ginger) flower	Hawaii	1	.....	.....	Calif.
Pseudococcus kraunhiae (Kuw.)(Coccidae):					
Chaenomeles sp. (flowering quince)	Japan	1	.....	.....	Calif.
Pseudococcus lilacinus Ckll. (Coccidae):					
Lansium domesticum (langsat) fruit	Philippines	1	.....	.....	Hawaii.
Theobroma cacao (cacao) fruit	...do	1	.....	.....	Hawaii.
Pseudococcus oceanicus Tak. (Coccidae):					
Cocos nucifera (coconut)	Hawaii	1	.....	1	Hawaii, Wash.
Pseudococcus palmarum (Ehrh.)(Coccidae):					
Cocos nucifera (coconut)	Hawaii, Philippines	1	1	1	Calif., Wash.
Psylliodes chrysocephala (L.)(Chrysomelidae):					
Brassica oleracea var. botrytis (cauliflower)	Greece	.....	1	.....	N. Y.
B. rapa (turnip)	France, Italy	.....	2	.....	N. Y., Pa.
Pterolophia camura Newn. (Cerambycidae):					
Airplane	Philippines	1	.....	.....	Hawaii.
Puto mexicanus (Ckll.)(Coccidae):					
Mentha sp. (mint)	Mexico	1	.....	.....	Calif.
Puto ulter Ferris (Coccidae)					
Orchid	Canal Zone, Guatemala.	2	.....	1	Calif.
Pyrausta insignitalis (Guen.)(Pyraustidae):					
Airplane	Nicaragua	1	.....	.....	P. R.
Pyrrhidium sanguineum (L.)(Cerambycidae):					
Cargo hold (of ship)	Unknown	1	.....	.....	Ga.
Wood (plank)	...do	1	1	.....	Fla., Mich.
Pyrrhocoris apterus (L.)(Pyrrhocoridae):					
Hibiscus syriacus (shrub-althea) seed	Italy	.....	.....	1	N. J.
Reticulitermes speratus (Kolbe) (Rhinotermitidae):					
Cycad (plant)	Japan	.....	.....	1	Calif.
Rhagoletis cerasi (L.)(Tephritidae):					
Baggage	France	1	.....	.....	N. J.
Prunus cerasus (sour cherry)	Europe (country(?)), France, Germany, Italy, Switzerland.	12	4	.....	N. Y.
Prunus sp. (cherry)	Europe (country(?)), France, Hungary, Italy, Poland, Switzerland.	13	4	.....	Ill., Mass., N. Y.
Rhaphigaster nebulosa (Poda)(Pentatomidae):					
Airplane	Azores	1	.....	.....	Del.
Cargo (wooden crate)	France	1	.....	.....	Del.
Mail	Italy	1	.....	.....	N. Y.
Rhinocola ericae (Curt.)(Psyllidae):					
Calluna vulgaris (heather)	England, Norway, Scotland, Sweden.	5	.....	.....	Fla., N. Y.
Rhynchobapta flaviceps (Btlr.)(Geometridae):					
Airplane	Unknown	.....	1	.....	Hawaii.
Scaptocoris minor Berg (Cydnidae):					
Cargo (with tropical fish)	Colombia	2	.....	.....	Fla.
Schasicheila bahamensis Pfeiffer (Helicinidae):					
Orchid (plant)	Bahamas	.....	.....	1	Fla.
Schneidereria pistaciella Weber (Gelechiidae):					
Pistacia mutica (turkterebinth pistache)	France	1	.....	.....	N. Y.
Pistacia sp. (pistache)	Italy	1	.....	.....	Mass.
Schoenobius incertulas (Wlk.)(Schoenobiidae):					
Airplane	Unknown	.....	2	.....	Hawaii.
Cargo (metal container)	Viet-Nam	1	.....	.....	Hawaii.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
Scobicia chevrieri (Villa)(Bostrichidae):					
Ficus carica (fig)	Italy	1	.....	.....	N. Y.
Scolopostethus affinis (Schill.)(Lygaeidae):					
Fragaria sp. (strawberry)	Germany	.....	.....	1	Mass.
Scolytus scolytus (F.)(Scolytidae):					
Wood (crate)	Italy	1	.....	.....	Fla.
Scolytus sulcifrons Rey (Scolytidae):					
Wood (crate)	...do	1	.....	.....	Fla.
Sehirus biguttatus (L.)(Cydnidae):					
Packing material (moss)	France	1	.....	.....	N. Y.
Selenis suero (Cram.)(Noctuidae):					
Airplane	Bahamas(?)	1	.....	.....	Fla.
Sesamia cretica Led. (Noctuidae):					
Sorghum dochna var. technicum (broomcorn)	Greece	1	.....	.....	Md.
Sesamia nonagriodes (Lef.)(Noctuidae):					
Straw--unidentified (bottle jacket)	Portugal	1	.....	.....	N. Y.
Simodactylus cinnamomeus (Boisd.)(Elateridae):					
Plant material--unidentified (cutting)	Hawaii	.....	.....	1	Hawaii.
Sinoxylon anale Lesne (Bostrichidae):					
Wood (crate and slat)	Indonesia, Pakistan.	2	.....	.....	Md., N. C.
Sinoxylon conigerum Gerst. (Bostrichidae):					
Cassia fistula (goldenshower senna) seed	Hawaii	1	.....	.....	Hawaii.
Cardboard (box)	India	1	.....	.....	Mass.
Cocos nucifera (coconut) leaf hats	Hawaii	1	.....	.....	Hawaii.
Eugenia sp. (stem)	...do	.....	.....	1	Hawaii.
Palm (baled fronds)	India	1	.....	.....	Ala.
Swietenia mahagoni (mahogany)	Unknown	1	.....	.....	Ala.
Wood (art figure, crate, and slat)	India, Pakistan, Portugal.	20	1	.....	Ill., Mass., Md., N. Y., S. C., Tex.
Sinoxylon sexdentatum (Ol.)(Bostrichidae):					
Ficus carica (fig)	Italy	1	.....	.....	N. Y.
Grass (dried packing material)	...do	1	.....	.....	N. Y.
Siphanta acuta (Wlk.)(Flatidae):					
Cymbidium sp. (orchid) flower	Australia	1	.....	.....	N. Y.
Orchid (flower)	...do	1	.....	.....	N. Y.
Strelitzia reginae (flower)	Hawaii	1	.....	.....	Hawaii.
Sirex noctilio (F.)(Siricidae):					
Pinus sp. (pine) cone wreath	Italy	1	.....	.....	Pa.
Sisamnes contractus Dist. (Lygaeidae):					
Ananas comosus (pineapple)	Mexico	1	.....	.....	Fla.
Spermophagus sericeus Geoffr. (Bruchidae):					
Convolvulus sp. (glory bind) seed	Italy	.....	.....	1	N. Y.
Sphenarches caffer (Zell.)(Pterophoridae):					
Cajanus cajan (pigeonpea)	Dominican Republic, Jamaica.	2	.....	.....	N. Y., P. R.
Sphincterochila boissieri (Charpentier) (Helicidae):					
Ceratonia siliqua (carob) pod	Israel	1	.....	.....	N. Y.
Spilomela perspicata (F.)(Pyraustidae):					
Airplane	Unknown	.....	1	.....	Fla.
Spodoptera mauritia acronyctoides (Guen.) (Noctuidae):					
Baggage	Hawaii	1	.....	.....	Hawaii.
Spodoptera pecten Guen. (Noctuidae):					
Airplane	Japan, unknown	.....	3	.....	Hawaii.
Stenodontes bituberculata Beauv. (Cerambycidae):					
Airplane	Dominican Republic.	.....	1	.....	P. R.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
Stenodontes exsertus Oliv. (Cerambycidae):					
Mangifera indica (mango)	Puerto Rico	1	.....	.....	P. R.
Stenoma catenifer Wlsm. (Stenomidae):					
Persea americana (avocado)	Argentina, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Panama, Peru, Venezuela.	30	7	2	Calif., Del., Fla., La., N. Y., S. C., Tex.
P. americana var. drymifolia (Mexican avocado) seed in fruit.	Mexico	1	.....	.....	Tex.
Stenoptilia stigmatodactyla Zell. (Pterophoridae):					
Gentiana sp. (gentian) flower	Switzerland	1	.....	.....	N. Y.
Stenotrupis prolixa (Sharp)(Curculionidae):					
Cibotium sp. (tree fern)	Hawaii	1	.....	.....	Hawaii.
Stephanoderes hampei (Ferr.)(Scolytidae):					
Coffea arabica (Arabian coffee) berry	Brazil, unknown	1	2	.....	Bahamas, Ohio, P. R.
C. canephora (robust coffee)	Liberia	1	.....	.....	D. C.
Coffea sp. (coffee)	Brazil	2	.....	.....	N. Y., P. R.
Sternochetus mangiferae (F.)(Curculionidae):					
Mangifera indica (mango)	Africa (country(?)), Australia, Hawaii, India, Philippines.	19	16	5	Calif., Hawaii, Ill., N. Y., Tex.
Sterrha inquinata (Scop.)(Geometridae):					
Anthemis sp. (camomile)	Italy	1	.....	.....	Ill.
Suidasia medanensis Oud. (Acaridae):					
Dianthus sp. (flower)	England	.....	1	.....	Fla.
Syagrius fulvitarsus Pascoe (Curculionidae):					
Cibotium sp. (tree fern) log	Hawaii	1	.....	1	Calif.
Sybra alternans (Wied.)(Cerambycidae):					
Alpinia purpurata (red galangal)	...do	1	.....	.....	Hawaii.
Flowers (mixed)	...do	1	.....	.....	Hawaii.
Leucaena leucocephala (white-popinac lead-tree) pod.	...do	1	.....	.....	Hawaii.
Operculina tuberosa (wood-rose)	...do	1	.....	.....	Hawaii.
Orchid (plant)	...do	.....	.....	1	Hawaii.
Plant material--unidentified (cuttings)	...do	1	.....	.....	Hawaii.
Synyrias diffundens (Wlk.)(Noctuidae):					
Airplane	Colombia	.....	1	.....	Fla.
Taeniothrips atratus (Hal.)(Thripidae):					
Aster sp. (flower)	England	.....	1	.....	N. Y.
Calluna vulgaris (heather)	Denmark, England, Scotland.	6	.....	.....	N. Y.
Centaurea cyanus (cornflower)	Germany	.....	1	.....	N. Y.
Chrysanthemum sp. (flower)	England, Europe (country(?)), unknown.	.....	16	.....	N. Y.
Dahlia sp. (leaf and stem)	England	1	.....	.....	N. Y.
Dianthus caryophyllus (carnation)	Czechoslovakia, England, Italy, Poland.	9	5	.....	N. Y., Wash.
Flowers (mixed)	Denmark, England, Europe (country(?)), Ireland.	7	1	.....	N. Y., Wash.
Freesia sp. (flower)	Denmark	1	.....	.....	N. Y.
Gladiolus sp. (flower)	Poland	1	.....	.....	N. Y.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Taeniothrips atratus--Continued					
Lathyrus odoratus (sweetpea)	Ireland	1	.....	.....	N. Y.
Lavandula sp. (lavender)	England	1	.....	.....	N. Y.
Liatris scariosa (tall gayfeather)	...do	.....	1	.....	Wash.
Mentha sp. (mint)	Italy	1	.....	.....	N. Y.
Rosa sp. (rose) flower	Ireland, Sweden, Switzerland, unknown.	2	2	.....	N. Y.
Taeniothrips dianthi Pr. (Thripidae):					
Dianthus caryophyllus (carnation)	Poland	1	.....	.....	N. Y.
Taeniothrips ericae (Hal.)(Thripidae):					
Calluna vulgaris (heather) flower	England, Germany, Scotland.	7	.....	.....	N. Y.
Erica sp. (heath)	Canada	.....	.....	1	Wash.
Taeniothrips eucharii (Whetzel)(Thripidae):					
Lycoris radiata (shorttube lycoris)	Japan	.....	1	.....	Pa.
L. squamigera (autumn lycoris) bulb	...do	.....	.....	2	Wash.
Lycoris sp. (bulb)	...do	.....	.....	5	Calif., N. C., N. Y.
Taeniothrips hawaiiensis (Morg.)(Thripidae):					
Chrysanthemum sp. (flower)	...do	.....	1	.....	Wash.
Gardenia jasminoides (flower)	Hawaii	59	.....	.....	Hawaii.
Plumeria rubra (Mexican frangipani)	...do	1	.....	.....	Hawaii.
Polianthes tuberosa (tuberose)	...do	1	.....	.....	Hawaii.
Talponia batesi Hein. (Olethreutidae):					
Annona cherimola (cherimoya)	Mexico	2	.....	.....	Tex.
Talurus rugosus (Jac.)(Chrysomelidae):					
Airplane	Nicaragua	2	.....	.....	Fla., P. R.
"Targionia" hartii (Ckll.)(Coccidae):					
Zingiber officinale (ginger)	Fiji, Philippines	30	3	.....	Calif., Hawaii.
Teleogryllus mitratus (Burm.)(Gryllidae):					
Airplane	Philippines, unknown.	.....	2	.....	Hawaii.
Tenthecoris confusus Hsiao & Sailer (Miridae):					
Orchid (plant)	El Salvador, Mexico.	.....	.....	2	Fla., Tex.
Tenthecoris distinctus Hsiao & Sailer (Miridae):					
Orchid (plant)	Brazil, Guatemala.	.....	.....	2	N. Y., Tex.
Tenthecoris exitiosus (Dist.)(Miridae):					
Orchid (plant)	Colombia	1	.....	.....	Fla.
Tenuipalpus japonicus Nishio (Tenuipalpidae):					
Diospyros kaki (kaki persimmon)	Japan	.....	4	.....	Wash.
Tetraleurodes aucubae (Kuw.)(Aleyrodidae):					
Citrus aurantium (sour orange)	...do	.....	1	.....	Calif.
C. reticulata (Mandarin orange)	...do	.....	2	.....	Calif.
Tetranychus viennensis Zacher (Tetranychidae):					
Malus sylvestris (apple)	Korea, Japan, Spain, Union of Soviet Socialist Republics.	4	5	.....	Hawaii, N. Y., Oreg., P. R., Wash.
Tetropium fuscum (F.)(Cerambycidae):					
Cargo hold (of ship)	Japan, unknown	2	.....	.....	Fla., Md.
Theba pisana (Müller)(Helicidae):					
Althaea rosea (hollyhock) seed	United Arab Republic.	.....	.....	1	D. C.
Automobile	Morocco	1	.....	.....	S. C.
Baggage (snails as such)	Italy	4	.....	.....	Mass., N. Y.
Cargo	Azores, France, Greece, Italy, Libya, Morocco, Spain, Turkey, unknown.	47	.....	.....	Ala., Del., La., Mich., N. C., N. Y., S. C., Va.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Theba pisana--Continued					
Cedrus sp. (cedar) seed	United Arab Republic.	.....	.....	1	D.C.
Soil with Hyacinthus sp. (bulb)	Italy	.....	1	.....	N.C.
Tropaeolum sp. (nasturtium) seed	United Arab Republic.	.....	.....	2	D.C.
Theba virgata (Müller)(Helicidae):					
Cargo	Italy	1	.....	.....	Ohio.
Thrips angusticeps Uzel (Thripidae):					
Chrysanthemum sp. (flower)	England	.....	1	.....	Wash.
Lactuca sativa (lettuce)	Portugal, Spain	.....	2	.....	Mass.
Matthiola sp. (stock) flower	England	.....	1	.....	N.Y.
Thrips flavus Schrank (Thripidae):					
Flowers (Bellis perennis, Calluna vulgaris, Chrysanthemum sp., Dianthus caryophyllus, Fuchsia sp., Rosa sp., and Tagetes sp.).	Czechoslovakia, England, Europe (country(?)), France, Germany, Hungary, Ireland, Netherlands, Norway, Poland, Switzerland.	18	23	.....	N.Y., Wash.
Seed--unidentified	Scotland	.....	.....	1	N.Y.
Thrips imaginis Bgn. (Thripidae):					
Telopea speciosissima (crimson waratah)	Australia	2	.....	.....	Hawaii.
Thrips major Uzel (Thripidae):					
Flowers (Bellis sp., Liatris scariosa, and Rosa sp.).	England, Finland	4	2	.....	N.Y., Wash.
Thrips pillichi Pr. (Thripidae):					
Dianthus caryophyllus (carnation)	England	.....	1	.....	Wash.
Flowers (mixed)	...do	.....	3	.....	Wash.
Tipula scripta Mg. (Tipulidae):					
Airplane	Germany(?)	1	.....	.....	N.J.
Plant--unidentified (moss)	Iceland	.....	.....	1	N.Y.
Tortrix excessana (Wlk.)(Tortricidae):					
Malus sylvestris (apple)	New Zealand	2	.....	.....	Hawaii.
Trialeurodes similis Rsl. (Aleyrodidae):					
Psidium guajava (guava) leaf	Mexico	1	.....	.....	Tex.
Trichia hispida (L.)(Helicellidae):					
Amorpha fruticosa (indigobush amorpha) seed.	Italy	1	.....	.....	N.J.
Buxus sempervirens (boxwood) seed	...do	.....	.....	1	N.J.
Cargo	England, France	3	.....	.....	Del., La.
Chrysanthemum sp.	Unknown	1	.....	.....	Hawaii.
Cotinus coggygria (common smoketree) seed	Italy	.....	.....	2	N.J.
Laburnum sp.	...do	1	.....	.....	Ill.
Rosa sp. (plant)	Belgium	.....	.....	1	N.Y.
Soil with Cotoneaster sp., Iris sp., and Juniperus sp. (plants).	England, Germany, Ireland.	.....	.....	3	Mass., N.J.
Trichia ponentina (Morelet)(?)(Helicellidae):					
Soil with Vitis sp. (grape) plant	Italy	.....	.....	1	N.Y.
Trichia striolata (Pfeiffer)(Helicellidae):					
Cotinus coggygria (common smoketree) seed	...do	.....	.....	2	N.J.
Flowers (mixed)	Ireland	1	.....	.....	N.Y.
Helleborus foetidus (bearsfoot hellebore) seed.	Italy	.....	.....	1	N.J.
Soil with Cotoneaster sp. (plant)	Ireland	.....	.....	1	Mass.
Veratrum nigrum (black falsehellebore) seed	Germany	.....	.....	1	Ohio.
Trilophidia annulata (Thunb.)(Acrididae):					
Airplane	Japan	1	.....	.....	Calif.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	MONENTRY	PROPAGATION	
Trioza anceps Tuth. (Psyllidae):					
Persea americana (avocado) leaf	Mexico	1	.....	.....	Tex.
Trogoderma granarium Everts (Dermestidae):					
Acacia senegal (gum arabic and gum hashabi).	Iran, Sudan, unknown.	39	.....	.....	Mass., N.C., N.Y., Tex.
Apium graveolens var. dulce (celery) seed	India	5	.....	.....	Calif., N.Y.
Arachis hypogaea (peanut)	Unknown	1	.....	.....	Md.
Astragalus gummifer (gum tragacanth)	Iran	2	.....	.....	N.Y.
Baggage (cases of personal effects)	India	1	.....	.....	Calif.
Bagging (including used burlap and wrappers on beeswax, brassware, coir yarn, cotton piece goods, crude rubber, goat skins, rugs, sago seed, senna bark, and various food products).	Ceylon, Formosa, Ghana, Hong Kong, India, Indonesia, Iran, Iraq, Ivory Coast, Lebanon, Malaysia, Netherlands, Pakistan, Sudan, Syria, unknown.	61	10	.....	Calif., Ga., Mass., Md., N.Y., Oreg., Pa., S.C., Va., Wash.
Bixa orellana (anatto-tree) seed	India	3	.....	.....	Md., Pa.
Cajanus cajan (pigeonpea)	...do	.....	7	.....	Calif., Ga., Pa., Wash.
Cargo	India, Iraq, Pakistan, Sudan, Syria, unknown.	17	.....	.....	Calif., Mich., N.Y., Pa., S.C., Va.
Cargo hold (of ship)	India, Iraq, Japan, Pakistan, Syria, unknown.	72	.....	.....	Calif., Ill., La., Mass., Md., Mich. N.C., N.Y., Oreg. Pa., S.C., Tex., Va., Wash.
Castanea sp. (chestnut)	Unknown	.....	1	.....	Pa.
Cicer arietinum (chickpea)	India, unknown	1	1	.....	Md., Wash.
Cinnamomum sp. (cinnamon) bark	Seychelles	1	.....	.....	N.Y.
Citrus aurantifolia (lime) dried	Iran	1	.....	.....	N.Y.
Coffea sp. (coffee)	Guinea, India, Ivory Coast.	5	.....	.....	Calif., N.Y.
Coriandrum sativum (coriander) seed	India	.....	1	.....	Md.
Cucumis sp. (seed)	Iraq	1	.....	.....	Ill.
Cuminum cyminum (cumin) seed	Cyprus, India, Iran, Malaysia, Syria.	12	.....	.....	Calif., N.Y., Tex.
Cyamopsis tetragonoloba (guar gum)	India, Pakistan	14	.....	.....	Ga., N.Y., Pa., S.C.
Debris	India, Japan, Netherlands, unknown.	6	1	.....	Calif., La., N.Y., Pa., Tex.
Foeniculum vulgare (fennel) seed	India	1	.....	.....	Calif.
Food (miscellaneous dry food)	...do	2	.....	.....	Mass., N.Y.
Gossypium sp. (cottonseed and raw cotton)	Burma, Iran	2	.....	.....	Ga., N.Y.
Gum kordofan	Sudan	1	.....	.....	N.Y.
Lens culinaris (lentil)	Unknown	.....	1	.....	Calif.
Manihot esculenta (common cassava)	Malaysia	6	.....	.....	Tex.
Oryza sativa (rice)	Formosa, Hong Kong, India, Iran, Malaysia, Pakistan, Thailand, unknown.	2	26	.....	Calif., Fla., Ga., Hawaii, Ill., Mass. Md., N.C., N.Y., Ohio, Pa., S.C., Tex., Va., Wash.
Phaseolus vulgaris (bean)	Netherlands, unknown.	1	2	.....	Md., Tex.
Piper nigrum (black pepper)	India, Malaysia, unknown.	4	1	.....	Pa., Tex.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Trogoderma granarium--Continued					
Pistacia sp. (pistache) nut	Iran	1	.....	.....	N. Y.
Pisum sativum (pea) dried	Unknown	.....	1	.....	Fla.
Plantago psyllium (husk)	India	1	.....	.....	N. Y.
Prunus amygdalus (almond)	Iran	1	.....	.....	Tex.
Sterculia urens (gum karaya)	India, United Arab Republic.	11	.....	.....	N. Y.
Stores (on storeroom floor and shelves and with dry stores).	Formosa, India, Japan, Korea, Malaysia, Pakistan, unknown.	.....	24	.....	Calif., Fla., Hawaii, Md., N. Y., Oreg., Pa., S. C., Tex., Wash.
Tamarindus indica (tamarind) seed powder	India	3	.....	.....	Ga., Oreg.
Terminalia sp. (myrabolan) nut	...do	5	.....	.....	Md., S. C.
Theobroma cacao (cacao) bean	Ivory coast, Nigeria.	8	.....	.....	Mass., Pa., Wis.
Zea mays (corn)	Mexico	1	.....	.....	Tex.
Trogoxylon prostomoides (Gorh.)(Lyctidae):					
Mail (wrapper of parcel)	Hawaii	1	.....	.....	Hawaii.
Wood (kitchen stool)	Unknown	1	.....	.....	Va.
Tydeus kochi Oud. (Tydeidae):					
Calluna vulgaris (heather)	England	2	.....	.....	Fla.
Chrysanthemum sp. (plant)	Argentina	.....	.....	1	Fla.
Citrus sp. (plant)	Venezuela	.....	.....	1	Fla.
Dianthus sp. (flower)	Nicaragua, Panama.	.....	3	.....	Fla.
Malus sylvestris (apple)	England	.....	1	.....	Wash.
Orchid (flower)	Panama	.....	1	.....	Fla.
Rosa sp. (rose) flower	Brazil	.....	1	.....	Fla.
Ulopa reticulata (F.)(Cicadellidae):					
Calluna vulgaris (heather)	Denmark, Germany.	2	.....	.....	N. Y.
Unachionaspis tenuis (Mask.)(Coccidae):					
Bambusa sp. (bamboo)	Japan	1	.....	.....	Hawaii.
Unaspis yanonensis (Kuw.)(Coccidae):					
Citrus aurantifolia (lime)	...do	1	3	.....	Calif., Hawaii.
C. aurantium (sour orange)	...do	.....	24	.....	Calif., Hawaii, Wash.
C. grandis (pummelo)	...do	.....	3	.....	Hawaii, Oreg.
C. ichangensis X C. reticulata (ichandarin)	...do	.....	1	.....	Calif.
C. limon (lemon)	Australia, Japan	.....	16	.....	Calif., Hawaii, Oreg., Wash.
C. paradisi (grapefruit)	Japan	4	13	.....	Calif., Hawaii, N. Y., Oreg.
C. paradisi X C. reticulata (tangelo)	...do	.....	3	.....	Hawaii.
C. reticulata (Mandarin orange)	Hong Kong, Japan, Okinawa.	51	155	.....	Calif., Hawaii, Oreg., Pa., Wash.
C. sinensis (sweet orange)	Japan	9	126	.....	Calif., Hawaii, N. Y., Oreg., Wash.
Citrus sp.	...do	2	12	.....	Hawaii.
Fortunella sp.	...do	.....	1	.....	Hawaii.
Veronicella moreleti (Crosse & Fischer) (Veronicellidae):					
Manihot esculenta (common cassava) stem	Costa Rica	1	.....	.....	Fla.
Vinsonia stellifera (Westw.)(Coccidae):					
Baggage	Jamaica	1	.....	.....	Fla.
Broughtonia sanguinea (orchid)	...do	.....	.....	1	Fla.
Broughtonia sp. (orchid) leaf	...do	1	.....	11	Fla.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Vinsonia stellifera--Continued					
Epidendrum nocturnum (orchid) leaf	Canal Zone	.....	.....	1	Fla.
Epidendrum sp. (leaf)	Dominican Republic.	1	.....	.....	Fla.
Gardenia jasminoides	Canal Zone	.....	.....	1	Fla.
Ionopsis sp. (orchid) leaf	Puerto Rico	.....	.....	1	Fla.
Ixora sp. (leaf)	Panama	1	.....	.....	Fla.
Leaf--unidentified	Dominican Republic.	1	.....	.....	Fla.
Oncidium luridum (orchid)	Jamaica	.....	.....	2	Fla.
O. papilio (butterfly orchid)	Colombia	.....	.....	1	Fla.
Oncidium sp. (orchid) leaf	Jamaica	.....	.....	1	Fla.
Orchid	Bahamas, Brazil, British Guiana, British Honduras, Canal Zone, Colombia, Costa Rica, Dominica, Dominican Republic, Guatemala, Jamaica, Panama, Surinam, Trinidad, Venezuela.	11	.....	23	Fla.
Phaius sp. (orchid)	Jamaica	.....	.....	1	Fla.
Xenocassis amoena Boh. (Chrysomelidae):					
Chamaedorea sp. (palm) frond	Mexico	2	.....	.....	Tex.
Xiphidiopsis lita Heb. (Tettigoniidae):					
Strelitzia reginae	Hawaii	1	.....	.....	Hawaii.
Xylion inflaticauda Lesne (Bostrichidae):					
Wood (packing board)	Republic of the Congo.	1	.....	.....	Md.
Xyloblops parilis Lesne (Bostrichidae):					
Buddleia wrightii (stem)	Mexico	.....	.....	1	Ariz.
Xylomeira torquata (F.)(Bostrichidae):					
Airplane	Unknown	.....	1	.....	Fla.
Xyloperthella crinitarsis (Imh.)(Bostrichidae):					
Wood (packing board)	Republic of the Congo.	3	.....	.....	Md.
Xyloperthella picea (Ol.)(Bostrichidae):					
Wood (packing board)	Republic of Congo, Republic of the Congo.	4	.....	.....	Md.
Xyloperthodes nitidipennis (Murray) (Bostrichidae):					
Wood (packing board)	Republic of the Congo.	1	.....	.....	Md.
Xylothrips religiosus (Boisd.)(Bostrichidae):					
Samanea saman (raintree saman) log	Hawaii	1	.....	.....	Calif.
Xystrocera globosa (Ol.)(Cerambycidae):					
Airplane	Hawaii, Okinawa	1	1	.....	Hawaii.
Baggage	Hawaii	1	.....	.....	Hawaii.
Zanclopteryx punctiferata Prt. (Geometridae):					
Airplane	Mexico	1	.....	.....	Tex.

Hosts and Insects

ACACIA:
Caryedon gonagra (Coleoptera)
Helicella trochoides (Mollusca)
Trogoderma granarium (Coleoptera)
ACALYPHA:
Campylenchia hastata (Homoptera)
AGAVE:
Batrachedra linaria (Lepidoptera)
AGLAONEMA:
Aspidiotus destructor (Homoptera)
ALLIUM FISTULOSUM:
Phytobia cepae (Diptera)
ALLIUM PORRUM:
Acrolepia assectella (Lepidoptera)
ALLIUM SATIVUM:
Brachycerus algirus (Coleoptera)
Dyspessa ulula (Lepidoptera)
Nysius helveticus (Hemiptera)
Orgyia dubia (Lepidoptera)
ALOE:
Aleophagus myersi (Homoptera)
ALPINIA:
Achatina fulica (Mollusca)
Adoretus sinicus (Coleoptera)
Bradybaena similaris (Mollusca)
Orchidophilus aterrimus (Coleoptera)
Pentalonia nigronervosa (Homoptera)
Sybra alternans (Coleoptera)
ALTHAEA:
Theba pisana (Mollusca)
ALYXIA:
Ceroplastes rubens (Homoptera)
AMORPHA:
Trichia hispida (Mollusca)
ANACARDIUM:
Anastrepha mombinpraeoptans (Diptera)
ANANAS:
Draeculacephala clypeata (Homoptera)
Galgupha punctifer (Hemiptera)
Nasutitermes nigriceps (Diptera)
Pheidole megacephala (Hymenoptera)
Platoeceticus symmicta (Lepidoptera)
Sisamnes contractus (Hemiptera)
ANNONA:
Anastrepha mombinpraeoptans (Diptera)
Bephrata maculicollis (Hymenoptera)
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
Talponia batesi (Lepidoptera)
ANTHEMIS:
Sterrha inquinata (Lepidoptera)
ANTHURIUM:
Achaea janata (Lepidoptera)
Adoretus sinicus (Coleoptera)
Bradybaena similaris (Mollusca)
Ceroplastes rubens (Homoptera)
Conoderus exsul (Coleoptera)
Haplothrips gowdeyi (Thysanoptera)
APIUM:
Euleia heraclei(?) (Diptera)
Mamestra brassicae (Lepidoptera)
Trogoderma granarium (Coleoptera)
ARACHIS:
Caryedon gonagra (Coleoptera)
Trogoderma granarium (Coleoptera)
ARAUCARIA:
Neophyllaphis araucariae (Homoptera)
ARCTIUM:
Ostrinia nubilalis (Lepidoptera)
ARECA:
Aspidiotus destructor (Homoptera)
ASPARAGUS:
Helicella cretica (Mollusca)
ASTER:
Taeniothrips atratus (Thysanoptera)
ASTRAGALUS:
Trogoderma granarium (Coleoptera)
AVERRHOA:
Dacus dorsalis (Diptera)
BAMBOO:
Dinoderus japonicus (Coleoptera)
D. ocellaris (Coleoptera)
Eucalendra setulosa (Coleoptera)
BAMBUSA:
Myocalandra exarata (Coleoptera)
Unachionaspis tenuis (Homoptera)
BANKSIA:
Arotrophora arcuatalis (Lepidoptera)
Bruchus diversipes (Coleoptera)
BELLIS:
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)
BETA:
Gnorimoschema ocellatella (Lepidoptera)
BIXA:
Trogoderma granarium (Coleoptera)
BRASSAVOLA:
Galgupha punctifer (Hemiptera)
BRASSICA CHINENSIS:
Helicella maritima (Mollusca)
BRASSICA OLERACEA VAR. ACEPHALA:
Mamestra brassicae (Lepidoptera)
BRASSICA OLERACEA VAR. BOTRYTIS:
Helix aperta (Mollusca)
Mamestra brassicae (Lepidoptera)
Otala vermiculata (Mollusca)
Phytomyza rufipes (Diptera)
Pieris brassicae (Lepidoptera)
Psylliodes chrysocephala (Coleoptera)
BRASSICA OLERACEA VAR. CAPITATA:
Aleyrodes brassicae (Homoptera)
Evergestis forficalis (Lepidoptera)
Helicella conspurcata (Mollusca)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
Mamestra brassicae (Lepidoptera)
Otala vermiculata (Mollusca)
Oulema gallaeciana (Coleoptera)
Phytomyza rufipes (Diptera)
Pieris brassicae (Lepidoptera)
BRASSICA RAPA:
Phytomyza rufipes (Diptera)
Pieris brassicae (Lepidoptera)
Psylliodes chrysocephala (Homoptera)
BRASSICA SP.:
Lygus punctatus (Hemiptera)
BROMELIAD:
Arocera protea (Hemiptera)
Bulimulus dysoni (Mollusca)
Eustrophinus marginatus (Coleoptera)
Galgupha punctifer (Hemiptera)
Lygaeus pulchellus (Hemiptera)
Ogdoecosta catenulata (Coleoptera)
Oplomus pulchra (Hemiptera)
Ozophora concava (Hemiptera)
Pachygrontha oedancalodes (Hemiptera)
Pheidole megacephala (Hymenoptera)
BROUGHTONIA:
Vinsonia stellifera (Homoptera)
BUDDLEIA:
Xylobiops parilis (Coleoptera)
BUXUS:
Cochlicella ventrosa (Mollusca)
Helicella variabilis (Mollusca)
Monacha carthusiana (Mollusca)
Trichia hispida (Mollusca)

CAJANUS:
Acanthoscelides armitagei (Coleoptera)
Ancylostomia stercorea (Lepidoptera)
Callosobruchus phaseoli (Coleoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Sphenarches caffer (Lepidoptera)
Trogoderma granarium (Coleoptera)

CALLUNA:
Aphis callunae (Homoptera)
Frankliniella intonsa (Thysanoptera)
Gelechia ericetella (Lepidoptera)
Kleidocerys truncatulus (Hemiptera)
Orthotylus ericetorum (Hemiptera)
Rhinocola ericae (Homoptera)
Taeniothrips atratus (Thysanoptera)
T. ericae (Thysanoptera)
Thrips flavus (Thysanoptera)
Tydeus kochi (Acarina)
Ulopa reticulata (Homoptera)

CALOCARPUM:
Anastrepha mombinpraeoptans (Diptera)
Dacus dorsalis (Diptera)

CALOPHYLLUM:
Ceratitis capitata (Diptera)

CANAVALLIA:
Maruca testulalis (Lepidoptera)

CAPSICUM:
Ceratitis capitata (Diptera)
Gnorimoschema gudmannella (Lepidoptera)
Liocoris tripustulatus (Hemiptera)
Ostrinia nubilalis (Lepidoptera)

CARICA:
Ceratitis capitata (Diptera)
Chrysomphalus umboniferus (Homoptera)
Dacus dorsalis (Diptera)

CASIMIROA:
Anastrepha ludens (Diptera)

CASSIA:
Caryedon gonagra (Coleoptera)
Sinoxylon conigerum (Coleoptera)

CASTANEA:
Curculio elephas (Coleoptera)
Eurydema herbaceum (Hemiptera)
Hemimene juliana (Lepidoptera)
Laspeyresia splendana (Lepidoptera)
Trogoderma granarium (Coleoptera)

CATTLEYA:
Orchidophilus aterrimus (Coleoptera)

CEDRUS:
Theba pisana (Mollusca)

CENTAUREA:
Frankliniella intonsa (Thysanoptera)
Taeniothrips atratus (Thysanoptera)

CEPHALOTAXUS:
Aspidiotus cryptomeriae (Homoptera)

CERATONIA:
Sphincterochila boissieri (Mollusca)

CHAENOMELES:
Morganella longispina (Homoptera)
Pseudococcus kraunhiae (Homoptera)

CHAMAEDOREA:
Charidotis seminulum (Coleoptera)
Ctenochira cumulata (Coleoptera)
Helicina chrysocheila (Mollusca)
H. zephyrina (Mollusca)
Ogdoecosta catenulata (Coleoptera)
Parisoschoenus flavolimbatus (Coleoptera)
Xanocassis amoena (Coleoptera)

CHRYSANTHEMUM:
Chaetocnema ectypa (Coleoptera)
Chrysodeixis chalcites (Lepidoptera)
Conotelus mexicanus (Coleoptera)
Frankliniella formosae (Thysanoptera)
Frankliniella intonsa (Thysanoptera)
Mamestra brassicae (Lepidoptera)
Taeniothrips atratus (Thysanoptera)
T. hawaiiensis (Thysanoptera)
Thrips angusticeps (Thysanoptera)
T. flavus (Thysanoptera)
Trichia hispida (Mollusca)
Tydeus kochi (Acarina)

CHRYSOPHYLLUM:
Anastrepha serpentina (Diptera)

CIBOTIUM:
Athesapeuta cyperi (Coleoptera)
Dryophthorus insignis (Coleoptera)
D. modestus (Coleoptera)
D. pusillus (Coleoptera)
Pheidole megacephala (Hymenoptera)
Stenotrupis prolixa (Coleoptera)
Syagrius fulvitarsus (Coleoptera)

CICER:
Ancylostomia stercorea (Lepidoptera)
Bruchus emarginatus (Coleoptera)
Callosobruchus analis (Coleoptera)
C. phaseoli (Coleoptera)
Trogoderma granarium (Coleoptera)

CICHORIUM:
Phytomyza rufipes (Diptera)

CINNAMOMUM:
Trogoderma granarium (Coleoptera)

CIRSIUM:
Acanthiophilus eluta (?) (Diptera)

CITRUS AURANTIFOLIA:
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Aonidiella inornata (Homoptera)
Chrysomphalus albopictus (Homoptera)
C. personatus (Homoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Trogoderma granarium (Coleoptera)
Unaspis yanonensis (Homoptera)

CITRUS AURANTIUM:
Anastrepha ludens (Diptera)
Melormenis antillarum (Homoptera)
Pachycoris fabricii (Hemiptera)
Tetraleurodes aucubae (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS GRANDIS:
Ceratitis capitata (Diptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS ICHANGENSIS X C. RETICULATA:
Unaspis yanonensis (Homoptera)

CITRUS LIMON:
Brevipalpus chilensis (Acarina)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS MITIS:
Parlatoria zizyphus (Homoptera)

CITRUS PARADISI:
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Helicella maritima (Mollusca)

CITRUS PARADISI--Continued
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)
CITRUS PARADISI X C. RETICULATA:
Unaspis yanonensis (Homoptera)
CITRUS RETICULATA:
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Tetraleurodes aucubae (Homoptera)
Unaspis yanonensis (Homoptera)
CITRUS SINENSIS:
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Cryptophlebia leucotreta (Lepidoptera)
Lorryia formosa (Acarina)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Unaspis yanonensis (Homoptera)
CITRUS SP.:
Aleurocanthus woglumi (Homoptera)
Parlatoria zizyphus (Homoptera)
Pheidole megacephala (Hymenoptera)
Tydeus kochi (Acarina)
Unaspis yanonensis (Homoptera)
CLEMATIS:
Monacha carthusiana (Mollusca)
CLEYERA:
Dialeurodes tristylii (Homoptera)
COCOS:
Adoretus sinicus (Coleoptera)
Aonidiella inornata (Homoptera)
Aspidiotus destructor (Homoptera)
A. excisus (Homoptera)
Chrysomphalus personatus (Homoptera)
Diocalandra taitensis (Coleoptera)
Furcaspis oceanica (Homoptera)
Lepidosaphes esakii (Homoptera)
Pseudococcus oceanicus (Homoptera)
P. palmarum (Homoptera)
Sinoxylon conigerum (Coleoptera)
COFFEA:
Acrago coa (Lepidoptera)
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Stephanoderes hampei (Coleoptera)
Trogoderma granarium (Coleoptera)
COLA:
Ceratitis colae(?) (Diptera)
COLOCASIA:
Pentalonia nigronervosa (Homoptera)
CONVOLVULUS:
Spermophagus sericeus (Coleoptera)
CORDYLINE:
Ceratitis capitata(?) (Diptera)
Pheidole megacephala (Hymenoptera)
CORIANDRUM:
Trogoderma granarium (Coleoptera)
CORNUS:
Aleurotrachelus jelinekii (Homoptera)
CORYLUS:
Curculio nucum (Coleoptera)
COTINUS:
Monacha carthusiana (Mollusca)
Trichia hispida (Mollusca)
T. striolata (Mollusca)
COTONEASTER:
Phagocarpus permundus(?) (Diptera)
CRATAEGUS:
Elasmucha fieberi (Hemiptera)
CUCUMIS:
Acanthoderes circumflexa (Coleoptera)
Amnestus bolivari (Hemiptera)
Dacus cucurbitae (Diptera)
Naupactus xanthographus (Coleoptera)
Oenopiella unidentata (Hemiptera)
Pachybrachius albocinctus (Hemiptera)
Trogoderma granarium (Coleoptera)
CUCURBITA:
Dacus cucurbitae (Diptera)
CUCURBITACEAE:
Diaphania indica (Lepidoptera)
CUMINIUM:
Trogoderma granarium (Coleoptera)
CUPRESSUS:
Callidium rufipenne (Coleoptera)
CYAMOPSIS:
Trogoderma granarium (Coleoptera)
CYCAD:
Reticulitermes speratus (Isoptera)
CYDONIA:
Anastrepha ludens (Diptera)
A. serpentina (Diptera)
Ceratitis capitata (Diptera)
CYMBIDIUM:
Siphanta acuta (Homoptera)
CYNARA:
Gortyna flavago (Lepidoptera)
Helix aperta (Mollusca)
CYTISUS:
Bruchidius debilis (Coleoptera)
DAHLIA:
Taeniothrips atratus (Thysanoptera)
DALBERGIA:
Heterotermes convexinotatus (Isoptera)
Nasutitermes corniger (Isoptera)
Pheidole megacephala (Hymenoptera)
DAUCUS:
Phalonia zephyrana (Lepidoptera)
DELONIX:
Elaphidion spinicorne (Coleoptera)
DELPHINIUM:
Helix aspersa (Mollusca)
DENDROBIUM:
Asterolecanium epidendri (Homoptera)
Diaxenes dendrobii (Coleoptera)
Orchidophilus aterrimus (Coleoptera)
DIANTHUS:
Aphidura pujoli (Homoptera)
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
Helicella conspurcata (Mollusca)
Suidasia medanensis (Orthoptera)
Taeniothrips atratus (Thysanoptera)
T. dianthi (Thysanoptera)
Thrips flavus (Thysanoptera)
T. pillichi (Thysanoptera)
Tydeus kochi (Acarina)
DIOSPYROS:
Ceratitis capitata (Diptera)
Tenuipalpus japonicus (Acarina)
DOLICHOS:
Callosobruchus phaseoli (Coleoptera)
ECHINODORUS:
Ataenius tenebrosus (Coleoptera)
EPIDENDRUM:
Vinsonia stellifera (Homoptera)
ERICA:
Taeniothrips ericae (Thysanoptera)

Hosts and Insects--Continued

ERIOBOTRYA:
Ceratitis capitata(?) (Diptera)
EUCALYPTUS:
Chrysomphalus rubribullatus (Homoptera)
EUGENIA:
Anastrepha mombinpraeoptans (Diptera)
A. suspensa (Diptera)
Sinoxylon conigerum (Coleoptera)
FAGUS:
Mikiola fagi (Diptera)
FICUS:
Cadra calidella (Lepidoptera)
Ceratitis capitata (Diptera)
Scobicia chevrieri (Coleoptera)
Sinoxylon sexdentatum (Coleoptera)
FOENICULUM:
Trogoderma granarium (Coleoptera)
FORTUNELLA:
Ceratitis capitata (Diptera)
Unaspis yanonensis (Homoptera)
FRAGARIA:
Pheidole megacephala (Hymenoptera)
Scolopostethus affinis (Hemiptera)
FREESIA:
Taeniothrips atratus (Thysanoptera)
FUCHSIA:
Thrips flavus (Thysanoptera)
GARDENIA:
Coccus viridis (Homoptera)
Conotelus mexicanus (Coleoptera)
Dialeurodes kirkaldyi (Homoptera)
Frankliniella formosae (Thysanoptera)
Pachybrachius pacificus (Hemiptera)
Taeniothrips hawaiiensis (Thysanoptera)
Vinsonia stellifera (Homoptera)
GENTIANA:
Stenoptilia stigmatodactyla (Lepidoptera)
GINKGO:
Lepidosaphes kuwacola (Homoptera)
GLADIOLUS:
Frankliniella intonsa (Thysanoptera)
Ostrinia nubilalis (Lepidoptera)
Taeniothrips atratus (Thysanoptera)
GOMPHRENA:
Aonidiella inornata (Homoptera)
GOSSYPIUM:
Oxycarenus hyalinipennis (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
Trogoderma granarium (Coleoptera)
HELLEBORUS:
Trichia striolata (Mollusca)
HIBISCUS:
Conotelus mexicanus (Coleoptera)
Monacha carthusiana (Mollusca)
Pectinophora gossypiella (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Pyrrhocoris apterus (Hemiptera)
HUMULUS:
Cochlicella barbara (Mollusca)
Helicella caperata (Mollusca)
Helix aperta (Mollusca)
IONOPSIS:
Vinsonia stellifera (Homoptera)
IPOMOEA:
Busseola fusca (Lepidoptera)
Cylas formicarius elegantulus (Coleoptera)
C. puncticollis (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Megacerus alternatus (Coleoptera)
IXORA:
Vinsonia stellifera (Homoptera)
JASMINUM:
Aonidiella inornata (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Parlatoria cinerea (Homoptera)
KHAYA:
Apate monachus (Coleoptera)
LABURNUM:
Cochlicella ventrosa (Mollusca)
Helicella conspurcata (Mollusca)
Trichia hispida (Mollusca)
LACTUCA:
Chrysodeixis chalcites (Lepidoptera)
Conotelus mexicanus (Coleoptera)
Helicella cretica (Mollusca)
Helix aperta (Mollusca)
Mamestra brassicae (Lepdioptera)
Phytomyza rufipes (Diptera)
Thrips angusticeps (Thysanoptera)
LAELIA:
Dendrocoris variegatus (Hemiptera)
LANSIUM:
Pseudococcus lilacinus (Homoptera)
LANTANA:
Corythaica carinata (Hemiptera)
LATHYRUS:
Bruchus emarginatus (Coleoptera)
B. tristiculus (Coleoptera)
B. tristis (Coleoptera)
Helicella caperata (Mollusca)
Monacha carthusiana (Mollusca)
Taeniothrips atratus (Thysanoptera)
LAURUS:
Dialeurodes tristylii (Homoptera)
LAVANDULA:
Taeniothrips atratus (Thysanoptera)
LENS:
Bruchus ervi (Coleoptera)
B. lentis (Coleoptera)
B. signaticornis (Coleoptera)
B. tristiculus (Coleoptera)
B. tristis (Coleoptera)
Trogoderma granarium (Coleoptera)
LEUCAENA:
Megacerus alternatus (Coleoptera)
Sybra alternans (Coleoptera)
LIATRIS:
Taeniothrips atratus (Thysanoptera)
Thrips major (Thysanoptera)
LITCHI:
Cryptophlebia ombrodelta (Lepdioptera)
LUPINUS:
Bruchus tristis (Coleoptera)
LYCOPERSICON:
Ceratitis capitata(?) (Diptera)
Dacus cucurbitae (Diptera)
Lygaeus teapensis (Hemiptera)
Neoleucinodes elegantalis (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
Pheidole megacephala (Hymenoptera)
LYCORIS:
Taeniothrips eucharii (Thysanoptera)
MALUS:
Anastrepha ludens (Diptera)
Carposina niponensis (Lepidoptera)
Cenopalpus pulcher (Acarina)
Ceratitis capitata (Diptera)
Epiphyas postvittana (Lepidoptera)
Helicella variabilis (Mollusca)
Tetranychus viennensis (Acarina)
Tortrix excessana (Lepidoptera)
Tydeus kochi (Acarina)
MANGIFERA:
Anastrepha ludens (Diptera)
A. mombinpraeoptans (Diptera)
Aulacaspis tubercularis (Homoptera)
Ceratitis capitata (Diptera)

MANGIFERA--Continued
Dacus dorsalis (Diptera)
Stenodontes exsertus (Coleoptera)
Sternochetus mangiferae (Coleoptera)
MANIHOT:
Trogoderma granarium (Coleoptera)
Veronicella moreleti (Mollusca)
MATTHIOLA:
Thrips angusticeps (Thysanoptera)
MENTHA:
Helicella conspurcata (Mollusca)
Ovatus crataegarius (Homoptera)
Puto mexicanus (Homoptera)
Taeniothrips atratus (Thysanoptera)
MESPILUS:
Ceratitis capitata (Diptera)
MIRABILIS:
Chondrula tridens (Mollusca)
MUSA:
Aspidiotus destructor (Homoptera)
A. excisus (Homoptera)
Dacus dorsalis (Diptera)
Helicina denticulata (Mollusca)
Metamasius hemipterus sericeus (Coleoptera)
NARCISSUS:
Norellia longipennis (Diptera)
NELUMBIUM:
Minthea rugicollis (Coleoptera)
NEPHTHYTIS:
Neela eucosmus (Hemiptera)
OLEA:
Dacus oleae (Diptera)
Prays oleellus (Lepidoptera)
ONCIDIUM:
Pseudischnaspis alienus (Homoptera)
Vinsonia stellifera (Homoptera)
OPERCULINA:
Sybra alternans (Coleoptera)
OPUNTIA:
Ceratitis capitata (Diptera)
ORCHID:
Anchastus flavovittatus (Coleoptera)
Archimerus scutellaris (Hemiptera)
Asterolecanium pallidum (Homoptera)
Bradybaena similaris (Mollusca)
Brevipalpus oncidii (Acarina)
Capaneus tetricus (Hemiptera)
Chrysodeixis chalcites (Lepidoptera)
Chrysomphalus albopictus (Homoptera)
C. umboniferus (Homoptera)
Conotelus mexicanus (Coleoptera)
Cryphula apicata (Hemiptera)
C. fasciata (Hemiptera)
Eustrophinus marginatus (Coleoptera)
Exptochiomera confusa (Hemiptera)
Galgupha punctifer (Hemiptera)
Genaparlatoria pseudaspidiotus (Homoptera)
Helicina dysoni (Mollusca)
H. zephyrina (Mollusca)
Iridomyrmex iniquus (Hymenoptera)
Lygaeus circumplicatus (Hemiptera)
Macropygum reticulare (Hemiptera)
Mesomphix caduca (Mollusca)
Mormidea collaris (Hemiptera)
Myodocha giraffa (Hemiptera)
Nasutitermes corniger (Diptera)
N. costalis (Diptera)
N. nigriceps (Diptera)
Orchidophilus aterrimus (Coleoptera)
Oxyblepta limbatipennis (Orthoptera)
Pachybrachius globiceps (Hemiptera)
Pangaeus docilis (Hemiptera)
Pheidole megacephala (Hymenoptera)
Puto ulter (Homoptera)
Schasicheila bahamensis (Mollusca)
Siphanta acuta (Homoptera)
Sybra alternans (Coleoptera)
Tenthecoris confusus (Hemiptera)
T. distinctus (Hemiptera)
T. exitiosus (Hemiptera)
Tydeus kochi (Acarina)
Vinsonia stellifera (Homoptera)
ORYZA:
Chilo suppressalis (Lepidoptera)
Trogoderma granarium (Coleoptera)
PALM:
Aonidiella inornata (Homoptera)
Sinoxylon conigerum (Coleoptera)
PANICUM:
Ostrinia nubilalis (Lepidoptera)
PASSIFLORA:
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
PELARGONIUM:
Helicella maritima (Mollusca)
PEPEROMIA:
Ceroplastes rubens (Homoptera)
PERSEA:
Aulacaspis tubercularis (Homoptera)
Conotrachelus aguacatae (Coleoptera)
C. perseae (Coleoptera)
Dacus dorsalis (Diptera)
Pagiocerus frontalis (Coleoptera)
Stenoma catenifer (Lepidoptera)
Trioza anceps (Homoptera)
PETROSELINUM:
Euleia heraclei(?) (Diptera)
Helicina strebeli (Mollusca)
Helix aperta (Mollusca)
PHAIUS:
Vinsonia stellifera (Homoptera)
PHALAENOPSIS:
Mertila malayensis (Hemiptera)
PHASEOLUS:
Bruchus ervi (Coleoptera)
B. lentis (Coleoptera)
Callosobruchus analis (Coleoptera)
Cochlicella barbara (Mollusca)
Epinotia aporema (Lepidoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Matsumuraeses phaseoli (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
Trogoderma granarium (Coleoptera)
PHRAGMITES:
Chilo luteellus (Lepidoptera)
PICEA:
Ernobius abietis (Coleoptera)
Laspeyresia strobilella (Lepidoptera)
Plemeliella abietina (Diptera)
PINUS:
Callidium rufipenne (Coleoptera)
Dichocrocis punctiferalis (Lepidoptera)
Dryocoetes autographus (Coleoptera)
Hylurgops palliatus (Coleoptera)
Hylurgus ligniperda (Coleoptera)
Pineus harukawai (Homoptera)
Pityogenes chalcographus (Coleoptera)
Sirex noctilio (Hymenoptera)
PIPER:
Aonidiella inornata (Homoptera)
Trogoderma granarium (Coleoptera)
PISTACIA:
Acrosternum millieri (Hemiptera)

PISTACIA--Continued
Megastigmus pistaciae (Hymenoptera)
Schneidereria pistaciella (Lepidoptera)
Trogoderma granarium (Coleoptera)
PISUM:
Callosobruchus analis (Coleoptera)
Caryedon gonagra (Coleoptera)
Lampides boeticus (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Trogoderma granarium (Coleoptera)
PLANTAGO:
Trogoderma granarium (Coleoptera)
PLUMERIA:
Aspidiotus herculeanus (Homoptera)
Conotelus mexicanus (Coleoptera)
Dialeurodes kirkaldyi (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)
POINCIANA:
Cryptophlebia ombrodelta (Lepidoptera)
POLIANTHES:
Taeniothrips hawaiiensis (Thysanoptera)
PRIORIA:
Platypus rugulosus (Coleoptera)
PRUNUS AMYGDALUS:
Monosteira unicostata (Hemiptera)
Trogoderma granarium (Coleoptera)
PRUNUS ARMENIACA:
Dacus dorsalis (Diptera)
PRUNUS CERASUS:
Rhagoletis cerasi (Diptera)
PRUNUS DOMESTICA:
Ceratitis capitata (Diptera)
PRUNUS PERSICA:
Anastrepha ludens (Diptera)
Blissus diplopterus (Hemiptera)
Ceratitis capitata (Diptera)
Oxycarenus hyalinipennis (Hemiptera)
PRUNUS SP. (cherry):
Rhagoletis cerasi (Diptera)
PRUNUS SP.:
Ceratitis capitata (Diptera)
PSIDIUM:
Anastrepha mombinpraeoptans (Diptera)
A. striata (Diptera)
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
Trialeurodes similis (Homoptera)
PUNICA:
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Eurydema ornatum (Hemiptera)
PYRUS:
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
QUERCUS:
Callidium rufipenne (Coleoptera)
Callirhytis glandium (Hymenoptera)
Laspeyresia splendana (Lepidoptera)
RAPHANUS:
Phyllotreta cruciferae (Coleoptera)
Phytomyza rufipes (Diptera)
RHIZOPHORA:
Aspidiotus herculeanus (Homoptera)
Melanaspis ponderosa (Homoptera)
ROSA:
Ardis sulcata (Hymenoptera)
Arge ochropus (Hymenoptera)
Cladius pectinicornis (Hymenoptera)
Endelomyia aethiops (Hymenoptera)
Eotetranychus carpini (Acarina)
Frankliniella intonsa (Thysanoptera)
Plagiognathus arbustorum (Hemiptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)
Trichia hispida (Mollusca)
Tydeus kochi (Acarina)
ROSMARINUS:
Cenopalpus pterinus (Acarina)
RUBUS:
Asterobemisia carpini (Homoptera)
SACCHARUM:
Chilo loftini (Lepidoptera)
Heterotermes convexinotatus (Isoptera)
Pheidole megacephala (Hymenoptera)
SAMANEA:
Xylothrips religiosus (Coleoptera)
SCHOMBURGKIA:
Nasutitermes guayanae (Diptera)
SESBANIA:
Cryptophlebia ombrodelta (Lepidoptera)
Dacus cucurbitae (Diptera)
SOIL:
Achatina fulica (Mollusca)
Bradybaena similaris (Mollusca)
Cochlicella barbara (Mollusca)
C. ventrosa (Mollusca)
Coptotermes testaceus (Isoptera)
Helicella caperata (Mollusca)
H. conspurcata (Mollusca)
H. cretica (Mollusca)
Helix aspersa (Mollusca)
Monacha carthusiana (Mollusca)
Pheidole megacephala (Hymenoptera)
Theba pisana (Mollusca)
Trichia hispida (Mollusca)
T. ponentina(?) (Mollusca)
T. striolata (Mollusca)
SOLANUM INTEGRIFOLIUM:
Leucinodes orbonalis (Lepidoptera)
SOLANUM MELONGENA:
Leucinodes orbonalis (Lepidoptera)
SOLANUM QUITOENSE:
Neoleucinodes elegantalis (Lepidoptera)
SOLANUM TUBEROSUM:
Gnorimoschema gudmannella (Lepidoptera)
SOLANUM SP.:
Leucinodes orbonalis (Lepidoptera)
SORBUS:
Ceratitis capitata (Diptera)
SORGHUM:
Ostrinia nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)
SPATHODEA:
Perkinsiella saccharicida (Homoptera)
SPONDIAS:
Anastrepha mombinpraeoptans (Diptera)
Micrapate mexicana (Coleoptera)
STERCULIA:
Carpophilus maculatus (Coleoptera)
Trogoderma granarium (Coleoptera)
STRELITZIA:
Bradybaena similaris (Mollusca)
Siphanta acuta (Homoptera)
Xiphidiopsis lita (Orthoptera)
SWIETENIA:
Sinoxylon conigerum (Coleoptera)
SYNSEPALUM:
Ceratitis capitata (Diptera)
SYRINGA:
Cochlicella ventrosa (Mollusca)
TAGETES:
Frankliniella intonsa (Thysanoptera)
Thrips flavus (Thysanoptera)
TAMARINDUS:
Caryedon gonagra (Coleoptera)
Cryptophlebia ombrodelta (Lepidoptera)

Hosts and Insects--Continued

TAMARINDUS--Continued
- Trogoderma granarium (Coleoptera)

TELOPEA:
- Thrips imaginis (Thysanoptera)

TERMINALIA:
- Anastrepha mombinpraeoptans (Diptera)
- Ceratitis capitata (Diptera)
- Dacus dorsalis (Diptera)
- Trogoderma granarium (Coleoptera)

THEOBROMA:
- Pseudococcus lilacinus (Homoptera)
- Trogoderma granarium (Coleoptera)

TRITICUM:
- Lepyronia coleoptrata (Homoptera)

TROPAEOLUM:
- Theba pisana (Mollusca)

VANDA:
- Bradybaena similaris (Mollusca)
- Conoderus exsul (Coleoptera)
- Conotelus mexicanus (Coleoptera)
- Genaparlatoria pseudaspidiotus (Homoptera)
- Nysius caledoniae (Hemiptera)
- N. kingbergi (Hemiptera)
- Orchidophilus aterrimus (Coleoptera)

VERATRUM:
- Trichia striolata (Mollusca)

VICIA:
- Bruchidius meleagrinus (Coleoptera)
- Bruchus azoricus (Coleoptera)
- B. rufipes (Coleoptera)
- B. rufipes luteicornis (Coleoptera)
- Bruchus tristiculus (Coleoptera)
- Helicella conspurcata (Mollusca)
- H. maritima (Mollusca)
- H. variabilis (Mollusca)

VIOLA:
- Dasyneura affinis (Diptera)

VITIS:
- Brachycarenus tigrinus (Homoptera)
- Dolycoris baccarum (Hemiptera)
- Phlyctinus callosus (Coleoptera)

ZAMIA:
- Heterotermes convexinotatus (Isoptera)

ZEA:
- Moodna bisinuella (Lepidoptera)
- Ostrinia nubilalis (Lepidoptera)
- Pagiocerus frontalis (Coleoptera)
- Trogoderma granarium (Coleoptera)

ZINGIBER:
- Aspidiotus destructor (Homoptera)
- Pentalonia nigronervosa (Homoptera)
- Pheidole megacephala (Hymenoptera)
- Piletocera pseudadelpha (Lepidoptera)
- Pseudococcus citriculus (Homoptera)
- "Targionia" hartii (Homoptera)

ZINNIA:
- Conotelus mexicanus (Coleoptera)

ZIZYPHUS:
- Carpomyia incompleta (Diptera)

ZOYSIA:
- Achatina fulica (Mollusca)
- Haplothrips gowdeyi (Thysanoptera)

Hosts Unknown

AIRPLANE:
- Adoretus sinicus (Coleoptera)
- Aethus indicus (Hemiptera)
- Agrotis repleta (Lepidoptera)
- Agrotisia subhyalina (Lepidoptera)
- Alkindus atratus (Hemiptera)
- Anastrepha mombinpraeoptans (Diptera)
- Amyna punctum (Lepidoptera)
- Anomala orientalis (Coleoptera)
- Anua triphaenoides (Lepidoptera)
- Argidia wedelina (Lepidoptera)
- Arugisa porrectalis (Lepidoptera)
- Asota lacteata (Lepidoptera)
- Azeta versicolor (Lepidoptera)
- Blenina lichenosa(?) (Lepidoptera)
- Bruchidius cinerascens (Coleoptera)
- Ceresa vitulus (Homoptera)
- Chabora nealcesalis (Lepidoptera)
- Chalciope hyppasia (Lepidoptera)
- Colaspis inconspicua(?) (Coleoptera)
- C. submetallica(?) (Coleoptera)
- Diabrotica speciosa (Coleoptera)
- Diaphania lucidalis (Lepidoptera)
- Draeculacephala clypeata (Homoptera)
- Dysdercus mimulus (Hemiptera)
- Elousa albicans (Lepidoptera)
- Euphoria basalis (Coleoptera)
- Euproctis varians (Lepidoptera)
- Euxoa bilitura (Lepidoptera)
- E. spinifera (Lepidoptera)
- Glyphodes annulata (Lepidoptera)
- Gnaphalocrocis medinalis (Lepidoptera)
- Graminella punctata (Homoptera)
- Hapalia eupalusalis (Lepidoptera)
- Helicella derbentina (Mollusca)
- Leptocorixa acuta (Hemiptera)
- Leptysma mexicana (Orthoptera)
- Leucania formosana (Lepidoptera)
- L. insecuta (Lepidoptera)
- L. pryeri (Lepidoptera)
- Liogenys macropelma (Coleoptera)
- Locusta migratoria (Orthoptera)
- Lygaeus pandurus (Hemiptera)
- Maruca testulalis (Lepidoptera)
- Melamphaus faber (Hemiptera)
- Mniothripa lichenigera (Lepidoptera)
- Mocis frugalis (Lepidoptera)
- Monosteira unicostata (Hemiptera)
- Mumetopia nigrimana (Diptera)
- Myodocha intermedia (Hemiptera)
- Nasutitermes rippertii (Diptera)
- Nephotettix apicalis (Homoptera)
- N. cincticeps (Homoptera)
- Oxyodes scrobiculata (Lepidoptera)
- Pachybrachius nietneri (Hemiptera)
- Parastichtis monoglypha (Lepidoptera)
- Paromius piratoides(?) (Hemiptera)
- Phurys immunis (Lepidoptera)
- Pieris brassicae (Lepidoptera)
- Popillia lewisi (Coleoptera)
- Prodenia litura (Lepidoptera)
- Pseudaletia separata (Lepidoptera)
- Pterolophia camura (Coleoptera)
- Pyrausta insignitalis (Lepidoptera)
- Rhaphigaster nebulosa (Hemiptera)
- Rhynchobapta flaviceps (Lepidoptera)
- Schoenobius incertulas (Lepidoptera)
- Selenis suero (Lepidoptera)
- Spilomela perspicata (Lepidoptera)
- Spodoptera pecten (Lepidoptera)
- Stenodontes bituberculata (Coleoptera)
- Synyrias diffundens (Lepidoptera)

Hosts Unknown--Continued

AIRPLANE--Continued
Talurus rugosus (Coleoptera)
Teleogryllus mitratus (Orthoptera)
Tipula scripta (Diptera)
Trilophidia annulata (Orthoptera)
Xylomeira torquata (Coleoptera)
Xystrocera globosa (Coleoptera)
Zanclopteryx punctiferata (Lepidoptera)
QUATIC PLANT:
Aleurodicus iridescens (Homoptera)
AUTOMOBILE:
Cochlicella barbara (Mollusca)
C. conoidea (Mollusca)
C. ventrosa (Mollusca)
Helicella caperata (Mollusca)
Helix aspersa (Mollusca)
Opeas pyrgula (Mollusca)
Theba pisana (Mollusca)
BAGGAGE:
Achatina fulica (Mollusca)
Adoretus sinicus (Coleoptera)
Bruchus ervi (Coleoptera)
Callosobruchus phaseoli (Coleoptera)
Chrysolina menthastri (Coleoptera)
Cryptotermes brevis (Isoptera)
Dynastes centaurus (Coleoptera)
Elasmolomus v-album (Hemiptera)
Helicella maritima (Mollusca)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
H. pomatia (Mollusca)
Laspeyresia splendana (Lepidoptera)
Mamestra brassicae (Lepidoptera)
Melolontha melolontha (Coleoptera)
Ogdoecosta biannularis (Coleoptera)
Otala vermiculata (Mollusca)
Patanga japonica (Orthoptera)
Rhagoletis cerasi (Diptera)
Spodoptera mauritia acronyctoides (Lepidoptera)
Theba pisana (Mollusca)
Trogoderma granarium (Coleoptera)
Vinsonia stellifera (Homoptera)
Xystrocera globosa (Coleoptera)
BAGGING:
Trogoderma granarium (Coleoptera)
BEAN:
Callosobruchus phaseoli (Coleoptera)
Pheidole megacephala (Hymenoptera)
CARDBOARD:
Coptotermes formosanus (Isoptera)
Cryptotermes brevis (Isoptera)
Platyedra vilella (Lepidoptera)
Sinoxylon conigerum (Coleoptera)
CARGO:
Achatina fulica (Mollusca)
Aeneolamia varia ssp. saccharina (Homoptera)
Amphimallon solstitialis (Coleoptera)
Arianta arbustorum (Mollusca)
Arocera protea (Hemiptera)
Callidium rufipenne (Coleoptera)
Caryedon gonagra (Coleoptera)
Cocconotus wheeleri (Orthoptera)
Cochlicella barbara (Mollusca)
C. conoidea (Mollusca)
C. ventrosa (Mollusca)
Conibosa occidentis(?) (Hemiptera)
Conoderus rufangulus (Coleoptera)
Coptotermes niger (Isoptera)
Cyrtonota tristigma (Coleoptera)
Darnoides brunneus (Homoptera)
Diaprepes famelicus (Coleoptera)
Eurydema ornatum (Hemiptera)
Helicella caperata (Mollusca)
H. cretica (Mollusca)
H. derbentina (Mollusca)
H. explanata (Mollusca)
H. itala (Mollusca)
H. maritima (Mollusca)
H. protea (Mollusca)
H. pyramidata (Mollusca)
H. trochoidea (Mollusca)
H. variabilis (Mollusca)
H. virgata (Mollusca)
Helicina convexa (Mollusca)
Helix aspersa (Mollusca)
H. lucorum (Mollusca)
Heterogaster urticae (Hemiptera)
Lamia textor (Coleoptera)
Lygaeus persimilis (Hemiptera)
Macropygium reticulare (Hemiptera)
Maruca testulalis (Lepidoptera)
Megalogryllus molinai (Orthoptera)
Melolontha melolontha (Coleoptera)
Monacha cantiana (Mollusca)
M. carthusiana (Mollusca)
M. olivieri (Mollusca)
Nephotettix apicalis (Homoptera)
Nezara viridula var. torquata (Hemiptera)
Nymphula badiosalis (Lepidoptera)
Osmilia flavolineata (Orthoptera)
Ostrinia nubilalis (Lepidoptera)
Otala lactea (Mollusca)
O. vermiculata (Mollusca)
Pangaeus aethiops (Hemiptera)
Paulinia acuminata (Orthoptera)
Pheidole megacephala (Hymenoptera)
Pieris brassicae (Lepidoptera)
Popillia lewisi (Coleoptera)
Pyrrhidium sanguineum (Lepidoptera)
Rhaphigaster nebulosa (Hemiptera)
Scaptocoris minor (Hemiptera)
Schoenobius incertulas (Lepidoptera)
Tetropium fuscum (Coleoptera)
Theba pisana (Mollusca)
T. virgata (Mollusca)
Trichia hispida (Mollusca)
Trogoderma granarium (Coleoptera)
DEBRIS:
Heterobostrychus aequalis (Coleoptera)
Neoclytus acuminatus (Coleoptera)
Trogoderma granarium (Coleoptera)
FERN:
Aeoloderma agnatus (Coleoptera)
Bradybaena similaris (Mollusca)
FLOWERS:
Conotelus mexicanus (Coleoptera)
Cryptotermes brevis (Isoptera)
Frankliniella intonsa (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Helix aspersa (Mollusca)
Macrolophus nubilis (Hemiptera)
Mamestra brassicae (Lepidoptera)
Microplax plagiata (Hemiptera)
Pentalonia nigronervosa (Homoptera)
Sybra alternans (Coleoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
T. pillichi (Thysanoptera)
Trichia striolata (Mollusca)

Hosts Unknown--Continued

FOOD:
Trogoderma granarium (Coleoptera)
GRASS:
Minthea rugicollis (Coleoptera)
Sinoxylon sexdentatum (Coleoptera)
GUM KORDOFAN:
Trogoderma granarium (Coleoptera)
HERB:
Dolycoris baccarum (Hemiptera)
Helicella caperata (Mollusca)
Helix aspersa (Mollusca)
LEAF--UNIDENTIFIED:
Vinsonia stellifera (Homoptera)
MAIL:
Carpophilus maculatus (Coleoptera)
Chrysodeixis chalcites (Lepidoptera)
Coptotermes formosanus (Isoptera)
Dacus dorsalis (Diptera)
Helix pomatia (Mollusca)
Rhaphigaster nebulosa (Hemiptera)
Trogoxylon prostomoides (Coleoptera)
NUT:
Araeocorynus cumingi (Coleoptera)
PACKING MATERIAL:
Callidium rufipenne (Coleoptera)
Nezara viridula var. hepatica (Hemiptera)
N. viridula var. torquata (Hemiptera)
Sehirus biguttatus (Hemiptera)
PLANT--UNIDENTIFIED:
Geotomus pygmaeus (Hemiptera)
Lygaeus circumplicatus (Hemiptera)
Tipula scripta (Diptera)
PLANT MATERIAL:
Calyptocephala nigricornis (Coleoptera)
Megacerus alternatus (Coleoptera)
Melanaspis ponderosa (Homoptera)
Melaphis chinensis (Homoptera)
Ogdoecosta biannularis (Coleoptera)
Pheidole megacephala (Hymenoptera)
Simodactylus cinnamomeus (Coleoptera)
Sybra alternans (Coleoptera)
QUARTERS:
Gynaikothrips ficorum (Thysanoptera)
RAILWAY CAR:
Dendrobias mandibularis (Coleoptera)
Micrapate mexicana (Coleoptera)
SEED:
Acanthoscelides armitagei (Coleoptera)
Araeocorynus cumingi (Coleoptera)
Caryedes germaini (Coleoptera)
Caryedon gonagra (Coleoptera)
Thrips flavus (Thysanoptera)
STORES:
Bradybaena despecta (Mollusca)
Callosobruchus analis (Coleoptera)
Caryedon gonagra (Coleoptera)
Chilo suppressalis (Lepidoptera)
Cochlicella ventrosa (Mollusca)
Lygaeus pandurus (Hemiptera)
Minthea rugicollis (Coleoptera)
Pieris brassicae (Lepidoptera)
Trogoderma granarium (Coleoptera)
STRAW:
Helicella conspurcata (Mollusca)
Sesamia nonagroides (Lepidoptera)
VEGETABLE:
Adoretus sinicus (Coleoptera)
WOOD:
Aphanus rolandri (Hemiptera)
Callidium rufipenne (Coleoptera)
Cryptotermes brevis (Isoptera)
Heterobostrychus aequalis (Coleoptera)
H. brunneus (Coleoptera)
Minthea reticulata (Coleoptera)
M. rugicollis (Coleoptera)
Neotermes chilensis (Isoptera)
Pheidole megacephala (Hymenoptera)
Pityogenes chalcographus (Coleoptera)
Pyrrhidium sanguineum (Lepidoptera)
Scolytus scolytus (Coleoptera)
S. sulcifrons (Coleoptera)
Sinoxylon anale (Coleoptera)
S. conigerum (Coleoptera)
Trogoxylon prostomoides (Coleoptera)
Xylion inflaticauda (Coleoptera)
Xyloperthella crinitarsis (Coleoptera)
X. picea (Coleoptera)
Xyloperthodes nitidipennis (Coleoptera)

Countries of Origin and Insects

AFRICA (country(?)):
- Apate monachus
- Parlatoria zizyphus
- Sternochetus mangiferae

ALBANIA:
- Pectinophora gossypiella

ALGERIA:
- Phytomyza rufipes

AMERICAN SAMOA:
- Morganella longispina
- Parlatoria cinerea
- Pentalonia nigronervosa
- Pheidole megacephala

AMERICAN VIRGIN ISLANDS:
- Anastrepha mombinpraeoptans
- Caryedon gonagra
- Corythaica carinata

ANGOLA:
- Ceratitis capitata
- Maruca testulalis

ANGUILLA:
- Ancylostomia stercorea

ANTIGUA:
- Pectinophora gossypiella

ARGENTINA:
- Caryedes germaini
- Ceratitis capitata
- Pseudaonidia trilobitiformis
- Stenoma catenifer
- Tydeus kochi

ARUBA:
- Fundella pellucens

AUSTRALIA:
- Arotrophora arcuatalis
- Bruchus diversipes
- B. lentis
- Chrysomphalus rubribullatus
- Siphanta acuta
- Sternochetus mangiferae
- Thrips imaginis
- Unaspis yanonensis

AUSTRALIA(?):
- Pheidole megacephala

AUSTRIA:
- Bruchidius debilis
- Dolycoris baccarum
- Elasmucha fieberi
- Plemeliella abietina

AZORES:
- Bruchus azoricus
- B. rufipes
- Ceratitis capitata
- Cochlicella ventrosa
- Conoderus rufangulus
- Helicella maritima
- Laspeyresia splendana
- Rhaphigaster nebulosa
- Theba pisana

BAHAMAS:
- Ancylostomia stercorea
- Bradybaena similaris
- Cryptotermes brevis
- Nasutitermes rippertii
- Pectinophora gossypiella
- Pheidole megacephala
- Schasicheila bahamensis
- Vinsonia stellifera

BAHAMAS(?):
- Selenis suero

BARBADOS:
- Callosobruchus phaseoli
- Fundella pellucens

BELGIUM:
- Evergestis forficalis
- Phytomyza rufipes
- Trichia hispida

BERMUDA:
- Diaprepes famelicus
- Helicina convexa
- Helix aspersa
- Pheidole megacephala

BRAZIL:
- Anastrepha mombinpraeoptans
- Bradybaena similaris
- Calyptocephala nigricornis
- Ceratitis capitata
- Chrysomphalus personatus
- Coptotermes testaceus
- Darnoides brunneus
- Heterotermes convexinotatus
- Lorryia formosa
- Morganella longispina
- Pangaeus aethiops
- Parlatoria cinerea
- P. zizyphus
- Pseudaonidia trilobitiformis
- Stephanoderes hampei
- Tenthecoris distinctus
- Tydeus kochi
- Vinsonia stellifera

BRITISH GUIANA:
- Vinsonia stellifera

BRITISH HONDURAS:
- Anastrepha mombinpraeoptans
- Galgupha punctifer
- Nasutitermes corniger
- N. nigriceps
- Pheidole megacephala
- Vinsonia stellifera

BRITISH WEST INDIES (island(?)):
- Pectinophora gossypiella

BURMA:
- Trogoderma granarium

CANADA:
- Taeniothrips ericae

CANADA(?):
- Bruchus lentis

CANAL ZONE:
- Acanthoscelides armitagei
- Ancylostomia stercorea
- Pentalonia nigronervosa
- Puto ulter
- Vinsonia stellifera

CANARY ISLANDS:
- Ceratitis capitata
- Laspeyresia splendana

CANTON ISLAND:
- Nephotettix apicalis

CAPE VERDE ISLANDS:
- Callosobruchus phaseoli
- Caryedon gonagra

CEYLON:
- Trogoderma granarium

CHILE:
- Epinotia aporema
- Naupactus xanthographus
- Neotermes chilensis
- Oenopiella unidentata
- Ovatus crataegarius

COLOMBIA:
- Agrotis repleta
- Aleurocanthus woglumi
- Arocera protea
- Azeta versicolor
- Bephrata maculicollis
- Brevipalpus oncidii
- Draeculaecephala clypeata

COLOMBIA--Continued
- Maruca testulalis
- Myodocha giraffa
- Neoleucinodes elegantalis
- Pagiocerus frontalis
- Paulinia acuminata
- Platypus rugulosus
- Scaptocoris minor
- Stenoma catenifer
- Synyrias diffundens
- Tenthecoris exitiosus
- Vinsonia stellifera

COSTA RICA:
- Acrago coa
- Aleurocanthus woglumi
- Anastrepha mombinpraeoptans
- Arugisa porrectalis
- Aspidiotus destructor
- Ceratitis capitata
- Chrysomphalus personatus
- C. umboniferus
- Colaspis inconspicua(?)
- C. submetallica(?)
- Conotrachelus perseae
- Graminella punctata
- Macropygum reticulare
- Melanaspis ponderosa
- Pseudischnaspis alienus
- Stenoma catenifer
- Veronicella moreleti
- Vinsonia stellifera

CRETE:
- Cochlicella barbara
- Dolycoris baccarum
- Helicella caperata
- H. cretica

CUBA:
- Cylas formicarius elegantulus
- Otala vermiculata

CYPRUS:
- Trogoderma granarium

CZECHOSLOVAKIA:
- Frankliniella intonsa
- Taeniothrips atratus
- Thrips flavus

DENMARK:
- Chondrula tridens
- Frankliniella intonsa
- Hylurgops palliatus
- Phytomyza rufipes
- Plemeliella abietina
- Taeniothrips atratus
- Ulopa reticulata

DOMINICA:
- Vinsonia stellifera

DOMINICAN REPUBLIC:
- Anastrepha mombinpraeoptans
- Ancylostomia stercorea
- Carpophilus maculatus
- Chabora nealcesalis
- Cylas formicarius elegantulus
- Euscepes postfasciatus
- Gnorimoschema gudmannella
- Graminella punctata
- Maruca testulalis
- Mumetopia nigrimana
- Pectinophora gossypiella
- Pheidole megacephala
- Phurys immunis
- Sphenarches caffer
- Stenodontes bituberculata
- Vinsonia stellifera

DOMINICAN REPUBLIC(?):
- Elousa albicans

ECUADOR:
- Ancylostomia stercorea
- Aspidiotus destructor
- A. excisus
- Conibosa occidentis(?)
- Draeculacephala clypeata
- Eucalendra setulosa
- Macropygium reticulare
- Metamasius hemipterus sericeus
- Osmilia flavolineata
- Pachybrachius globiceps
- Pagiocerus frontalis
- Stenoma catenifer

EL SALVADOR:
- Anastrepha mombinpraeoptans
- Aspidiotus excisus
- Aulacaspis tuberculariis
- Chrysomphalus umboniferus
- Stenoma catenifer
- Tenthecoris confusus

ENGLAND:
- Callosobruchus analis
- Endelomyia aethiops
- Frankliniella intonsa
- Helix aspersa
- Kleidocerys truncatulus
- Mamestra brassicae
- Mikiola fagi
- Monacha carthusiana
- Orthotylus ericetorum
- Phagocarpus permundus(?)
- Phytomyza rufipes
- Rhinocola ericae
- Suidasia medanensis
- Taeniothrips atratus
- T. ericae
- Thrips angusticeps
- T. flavus
- T. major
- T. pillichi
- Trichia hispida
- Tydeus kochi

EUROPE (country(?)):
- Ceratitis capitata
- Frankliniella intonsa
- Rhagoletis cerasi
- Taeniothrips atratus
- Thrips flavus

FIJI:
- Diocalandra taitensis
- Pheidole megacephala
- Piletocera pseudadelpha
- "Targionia" hartii

FINLAND:
- Thrips major

FORMOSA:
- Heterobostrychus aequalis
- Parlatoria cinerea
- P. zizyphus
- Trogoderma granarium

FRANCE:
- Acrolepia assectella
- Arianta arbustorum
- Asterobemisia carpini
- Bruchus lentis
- B. rufipes
- Ceratitis capitata
- Cochlicella barbara
- Dacus oleae

FRANCE--Continued
Euleia heraclei(?)
Evergestis forficalis
Gortyna flavago
Helicella conspurcata
H. maritima
H. variabilis
Helix aperta
H. aspersa
Heterogaster urticae
Laspeyresia splendana
Mamestra brassicae
Melolontha melolontha
Monacha cantiana
Otala vermiculata
Oulema gallaeciana
Parlatoria zizyphus
Phalonia zephyrana
Pheidole megacephala
Phytomyza rufipes
Pieris brassicae
Psylliodes chrysocephala
Rhagoletis cerasi
Rhaphigaster nebulosa
Schneidereria pistaciella
Sehirus biguttatus
Theba pisana
Thrips flavus
Trichia hispida

GERMANY:
Acrolepia assectella
Amphimallon solstitialis
Ardis sulcata
Bradybaena similaris
Bruchus lentis
Cochlicella barbara
Dryocoetes autographus
Ernobius abietis
Frankliniella intonsa
Gelechia ericetella
Helicella caperata
Hylurgops palliatus
Laspeyresia splendana
Mamestra brassicae
Phytomyza rufipes
Rhagoletis cerasi
Scolopostethus affinis
Taeniothrips atratus
T. ericae
Thrips flavus
Trichia hispida
T. striolata
Ulopa reticulata

GERMANY(?):
Cochlicella ventrosa
Tipula scripta

GHANA:
Ceratitis capitata
Leucinodes orbonalis
Pectinophora gossypiella
Trogoderma granarium

GREECE:
Acanthiophilus eluta(?)
Acrosternum millieri
Bruchus ervi
B. lentis
B. tristiculus
Cadra calidella
Ceratitis capitata
Cochlicella barbara
Cryptoblabes gnidiella
Curculio elephas
Eurydema ornatum
Helicella caperata
H. conspurcata
H. cretica
H. explanata
H. pyramidata
Helix aspersa
Laspeyresia splendana
Monacha carthusiana
Norellia longipennis
Otala vermiculata
Parlatoria zizyphus
Pieris brassicae
Psylliodes chrysocephala
Sesamia cretica
Theba pisana

GREECE(?):
Cochlicella conoidea

GRENADA:
Pectinophora gossypiella

GUAM:
Achatina fulica
Aonidiella inornata
Aspidiotus destructor
Genaparlatoria pseudaspidiotus
Mniothripa lichenigera
Pheidole megacephala

GUATEMALA:
Anastrepha ludens
A. mombinpraeoptans
A. striata
Anchastus flavovittatus
Arocera protea
Chrysomphalus umboniferus
Coptotermes niger
Gnorimoschema gudmannella
Iridomyrmex iniquus
Lygaeus circumplicatus
Micrapate mexicana
Moodna bisinuella
Parlatoria cinerea
Pheidole megacephala
Puto ulter
Stenoma catenifer
Tenthecoris distinctus
Vinsonia stellifera

GUINEA:
Trogoderma granarium

HAITI:
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Cylas formicarius elegantulus
Haplothrips gowdeyi
Helix aspersa
Pectinophora gossypiella

HAWAII:
Achaea janata
Achatina fulica
Adoretus sinicus
Aonidiella inornata
Araeocorynus cumingi
Aspidiotus herculeanus
Athesapeuta cyperi
Bradybaena similaris
Caryedon gonagra
Ceratitis capitata
Ceroplastes rubens
Chrysodeixis chalcites
Coccus viridis

Countries of Origin and Insects--Continued

HAWAII--Continued
- Conoderus exsul
- Conotelus mexicanus
- Coptotermes formosanus
- Cryptophlebia ombrodelta
- Cryptotermes brevis
- Dacus cucurbitae
- D. dorsalis
- Dialeurodes kirkaldyi
- Diocalandra taitensis
- Dryophthorus insignis
- D. modestus
- D. pusillus
- Heterobostrychus aequalis
- Maruca testulalis
- Megacerus alternatus
- Neophyllaphis araucariae
- Nysius caledoniae
- N. kingbergi
- Opeas pyrgula
- Orchidophilus aterrimus
- Pachybrachius pacificus
- Pectinophora gossypiella
- Pentalonia nigronervosa
- Perkinsiella saccharicida
- Pheidole megacephala
- Pseudococcus citriculus
- P. oceanicus
- P. palmarum
- Simodactylus cinnamomeus
- Sinoxylon conigerum
- Siphanta acuta
- Spodoptera mauritia acronyctoides
- Stenotrupis prolixa
- Sternochetus mangiferae
- Syagrius fulvitarsus
- Sybra alternans
- Taeniothrips hawaiiensis
- Trogoxylon prostomoides
- Xiphidiopsis lita
- Xylothrips religiosus
- Xystrocera globosa

HONDURAS:
- Acanthoderes circumflexa
- Anastrepha mombinpraeoptans
- Helicina denticulata
- H. dysoni
- Metamasius hemipterus sericeus
- Parlatoria cinerea
- Pheidole megacephala
- Stenoma catenifer

HONG KONG:
- Lampides boeticus
- Minthea rugicollis
- Parlatoria cinerea
- P. zizyphus
- Trogoderma granarium
- Unaspis yanonensis

HUNGARY:
- Ardis sulcata
- Frankliniella intonsa
- Liocoris tripustulatus
- Rhagoletis cerasi
- Thrips flavus

ICELAND:
- Tipula scripta

INDIA:
- Bruchus emarginatus
- Callosobruchus analis
- Carpophilus maculatus
- Caryedon gonagra
- Minthea reticulata
- M. rugicollis
- Myocalandra exarata
- Nephotettix apicalis
- Oxycarenus hyalinipennis
- Sinoxylon conigerum
- Sternochetus mangiferae
- Trogoderma granarium

INDONESIA:
- Parlatoria zizyphus
- Sinoxylon anale
- Trogoderma granarium

INDONESIA(?):
- Callosobruchus analis

IRAN:
- Trogoderma granarium

IRAQ:
- Trogoderma granarium

IRELAND:
- Cladius pectinicornis
- Mamestra brassicae
- Pieris brassicae
- Taeniothrips atratus
- Thrips flavus
- Trichia hispida
- T. striolata

IRELAND(?):
- Parastichtis monoglypha

ISRAEL:
- Ceratitis capitata
- Cryptoblabes gnidiella
- Dacus oleae
- Helicella maritima
- Monosteira unicostata
- Phyllotreta cruciferae
- Sphincterochila boissieri

ISRAEL(?):
- Parlatoria zizyphus

ITALY:
- Acrolepia assectella
- Aleyrodes brassicae
- Aphidura pujoli
- Brachycarenus tigrinus
- Brachycerus algirus
- Bruchidius debilis
- Bruchus emarginatus
- B. ervi
- B. lentis
- B. signaticornis
- B. tristiculus
- B. tristis
- Cenopalpus pterinus
- Ceratitis capitata
- Cochlicella barbara
- C. ventrosa
- Cryptoblabes gnidiella
- Curculio elephas
- C. nucum
- Dacus oleae
- Dasyneura affinis
- Dyspessa ulula
- Ernobius abietis
- Eurydema herbaceum
- E. ornatum
- Frankliniella intonsa
- Gnorimoschema ocellatella
- Gortyna flavago
- Helicella caperata
- H. conspurcata
- H. itala

Countries of Origin and Insects--Continued

ITALY--Continued
Helicella maritima
H. pyramidata
H. trochoides
H. variabilis
H. virgata
Helix aperta
H. aspersa
H. pomatia
Hemimene juliana
Hylurgus ligniperda
Laspeyresia splendana
L. strobilella
Lepyronia coleoptrata
Lygaeus pandurus
Macrolophus nubilis
Mamestra brassicae
Megastigmus pistaciae
Monacha carthusiana
Monosteira unicostata
Orgyia dubia
Ostrinia nubilalis
Otala vermiculata
Ovatus crataegarius
Parlatoria cinerea
P. zizyphus
Phalonia zephyrana
Pieris brassicae
Prays oleellus
Psylliodes chrysocephala
Pyrrhocoris apterus
Rhagoletis cerasi
Rhaphigaster nebulosa
Schneidereria pistaciella
Scobicia chevrieri
Scolytus scolytus
S. sulcifrons
Sinoxylon sexdentatum
Sirex noctilio
Spermophagus sericeus
Sterrha inquinata
Taeniothrips atratus
Theba pisana
T. virgata
Trichia hispida
T. ponentina(?)
T. striolata
ITALY(?):
Aleurotrachelus jelinekii
Lamia textor
IVORY COAST:
Maruca testulalis
Trogoderma granarium
JAMAICA:
Anastrepha mombinpraeotpans
Caryedon gonagra
Ceresa vitulus
Diaphania indica
Elaphidion spinicorne
Hapalia eupalusalis
Nasutitermes costalis
Pectinophora gossypiella
Sphenarches caffer
Vinsonia stellifera
JAPAN:
Acrolepia assectella
Adoretus sinicus
Aeoloderma agnatus
Anomala orientalis
Aonidiella inornata
Aspidiotus cryptomeriae
Bradybaena despecta
Callidium rufipenne
Carposina niponensis
Chilo luteellus
C. suppressalis
Chrysodeixis chalcites
Dialeurodes tristylii
Dichocrocis punctiferalis
Dinoderus japonicus
Frankliniella formosae
Haplothrips gowdeyi
Lampides boeticus
Lepidosaphes kuwacola
Lygaeus pandurus
Mamestra brassicae
Maruca testulalis
Matsumuraeses phaseoli
Morganella longispina
Nephotettix apicalis
Ostrinia nubilalis
Otala lactea
Parlatoria cinerea
P. zizyphus
Patanga japonica
Phytobia cepae
Pineus harukawai
Pseudococcus kraunhiae
Reticulitermes speratus
Spodoptera pecten
Taeniothrips eucharii
T. hawaiiensis
Tenuipalpus japonicus
Tetraleurodes aucubae
Tetranychus viennensis
Tetropium fuscum
Trilophidia annulata
Trogoderma granarium
Unachionaspis tenuis
Unaspis yanonensis
KENYA:
Busseola fusca
KOREA:
Melaphis chinensis
Tetranychus viennensis
Trogoderma granarium
KWAJALEIN:
Furcaspis oceanica
Lepidosaphes esakii
LEBANON:
Bruchus ervi
B. lentis
Cenopalpus pulcher
Ceratitis capitata
Cochlicella ventrosa
Dacus oleae
Helicella cretica
Prays oleellus
Trogoderma granarium
LIBERIA:
Leucinodes orbonalis
Monacha carthusiana
Stephanoderes hampei
LIBYA:
Ceratitis capitata
Helicella maritima
H. pyramidata
Theba pisana
MALAYSIA:
Dacus dorsalis
Genaparlatoria pseudaspidiotus

Countries of Origin and Insects--Continued

MALAYSIA--Continued
Mertila malayensis
Phytomyza rufipes
Trogoderma granarium
MARIANAS ISLANDS:
Aonidiella inornata
MARTINIQUE:
Anastrepha mombinpraeoptans
MEXICO:
Aleurocanthus woglumi
Amnestus bolivari
Anastrepha ludens
A. mombinpraeoptans
Anchastus flavovittatus
Archimerus scutellaris
Aspidiotus destructor
A. excisus
A. herculeanus
Aulacaspis tubercularis
Batrachedra linaria
Bephrata maculicollis
Bruchus lentis
Capaneus tetricus
Caryedon gonagra
Chaetocnema ectypa
Charidotis seminulum
Chrysomphalus albopictus
C. personatus
Conotelus mexicanus
Conotrachelus aguacatae
C. perseae
Cryphula apicata
C. fasciata
Ctenochira cumulata
Cyrtonota tristigma
Dendrobias mandibularis
Dendrocoris variegatus
Dysdercus mimulus
Eotetranychus carpini
Euphoria basalis
Eustrophinus marginatus
Exptochiomera confusa
Galgupha punctifer
Gnorimoschema gudmannella
Helicina chrysocheila
H. strebeli
H. zephyrina
Helix aspersa
Heterotermes convexinotatus
Leptysma mexicana
Lygaeus circumplicatus
L. pulchellus
L. teapensis
Megacerus alternatus
Melanaspis ponderosa
Mesomphix caduca
Micrapate mexicana
Moodna bisinuella
Mormidea collaris
Nasutitermes nigriceps
Neella eucosmus
Neoleucinodes elegantalis
Ogdoecosta biannularis
O. catenulata
Oplomus pulchra
Ovatus crataegarius
Ozophora concava
Pachybrachius albocinctus
Pachygrontha oedancalodes
Pagiocerus frontalis
Pangaeus docilis
Parisoschoenus flavolimbatus
Parlatoria cinerea
Pectinophora gossypiella
Platoeceticus symmicta
Puto mexicanus
Sisamnes contractus
Stenoma catenifer
Talponia batesi
Tenthecoris confusus
Trialeurodes similis
Trioza anceps
Trogoderma granarium
Xenocassis amoena
Xylobiops parilis
Zanclopteryx punctiferata
MOROCCO:
Aphanus rolandri
Bruchus lentis
B. tristiculus
Ceratitis capitata
Cochlicella barbara
C. conoidea
C. ventrosa
Otala lactea
Parlatoria zizyphus
Theba pisana
NEPAL:
Dacus cucurbitae
NETHERLANDS:
Acrolepia assectella
Bruchus ervi
B. lentis
Chrysolina menthastri
Cochlicella barbara
Euleia heraclei(?)
Evergestis forficalis
Helicella caperata
Helix aperta
Lygus punctatus
Mamestra brassicae
Ostrinia nubilalis
Phytomyza rufipes
Pieris brassicae
Thrips flavus
Trogoderma granarium
NEVIS:
Ancylostomia stercorea
NEW ZEALAND:
Epiphyas postvittana
Tortrix excessana
NICARAGUA:
Aleurocanthus woglumi
Anastrepha mombinpraeotpans
A. serpentina
A. striata
Ceratitis capitata
Parlatoria cinerea
Pyrausta insignitalis
Talurus rugosus
Tydeus kochi
NIGERIA:
Ceratitis colae(?)
Leucinodes orbonalis
Trogoderma granarium
NORWAY:
Evergestis forficalis
Pityogenes chalcographus
Rhinocola ericae
Thrips flavus
OKINAWA:
Asota lacteata

OKINAWA--Continued
- Leucania formosana
- L. insecuta
- L. pryeri
- Locusta migratoria
- Pachybrachius nietneri
- Parlatoria zizyphus
- Popillia lewisi
- Prodenia litura
- Pseudaletia separata
- Unaspis yanonensis
- Xystrocera globosa

OKINAWA(?):
- Aethus indicus
- Euproctis varians

PAKISTAN:
- Heterobostrychus aequalis
- Sinoxylon anale
- S. conigerum
- Trogoderma granarium

PANAMA:
- Acanthoscelides armitagei
- Agrotisia subhyalina
- Aleurocanthus woglumi
- Alkindus atratus
- Ancylostomia stercorea
- Cocconotus wheeleri
- Cryphula fasciata
- Draeculacephala clypeata
- Metamasius hemipterus sericeus
- Myodocha intermedia
- Ostrinia nubilalis
- Oxyblepta limbatipennis
- Pagiocerus frontalis
- Parlatoria cinerea
- Stenoma catenifer
- Tydeus kochi
- Vinsonia stellifera

PERU:
- Aleurodicus iridescens
- Anastrepha serpentina
- Ataenius tenebrosus
- Bulimulus dysoni
- Ceratitis capitata
- Euscepes postfasciatus
- Megalogryllus molinai
- Nasutitermes corniger
- Pagiocerus frontalis
- Pangaeus docilis
- Pentalonia nigronervosa
- Stenoma catenifer

PHILIPPINES:
- Achatina fulica
- Aonidiella inornata
- Aspidiotus destructor
- Asterolecanium epidendri
- A. pallidum
- Callosobruchus analis
- C. phaseoli
- Caryedon gonagra
- Cryptophlebia ombrodelta
- Dacus dorsalis
- Dinoderus ocellaris
- Frankliniella formosae
- Heterobostrychus aequalis
- Nephotettix apicalis
- Orchidophilus aterrimus
- Parlatoria zizyphus
- Pheidole megacephala
- Pseudococcus lilacinus
- P. palmarum
- Pterolophia camura
- Sternochetus mangiferae
- "Targionia" hartii
- Teleogryllus mitratus

POLAND:
- Arge ochropus
- Cladius pectinicornis
- Endelomyia aethiops
- Frankliniella intonsa
- Rhagoletis cerasi
- Taeniothrips atratus
- T. dianthi
- Thrips flavus

PORTUGAL:
- Bruchus rufipes
- B. rufipes luteicornis
- B. tristiculus
- Ceratitis capitata
- Cochlicella ventrosa
- Dacus oleae
- Helicella conspurcata
- Helix aspersa
- Laspeyresia splendana
- Mamestra brassicae
- Nysius helveticus
- Sesamia nonagriodes
- Sinoxylon conigerum
- Thrips angusticeps

PUERTO RICO:
- Anastrepha mombinpraeoptans
- A. suspensa
- Ancylostomia stercorea
- Aspidiotus destructor
- Heterotermes convexinotatus
- Maruca testulalis
- Melormenis antillarum
- Pachycoris fabricii
- Stenodontes exsertus
- Vinsonia stellifera

REPUBLIC OF CONGO:
- Ceratitis capitata
- Xyloperthella picea

REPUBLIC OF SOUTH AFRICA:
- Aleophagus myersi
- Blissus diplopterus
- Ceratitis capitata
- Cryptophlebia leucotreta
- Oxycarenus hyalinipennis
- Pheidole megacephala
- Phlyctinus callosus

REPUBLIC OF THE CONGO:
- Heterobostrychus brunneus
- Xylion inflaticauda
- Xyloperthella crinitarsis
- X. picea
- Xyloperthodes nitidipennis

SCOTLAND:
- Aphis callunae
- Bruchus lentis
- Frankliniella intonsa
- Gelechia ericetella
- Kleidocerys truncatulus
- Phytomyza rufipes
- Rhinocola ericae
- Taeniothrips atratus
- T. ericae
- Thrips flavus

SEYCHELLES:
- Trogoderma granarium

SIERRA LEONE:
- Cylas puncticollis

SOUTH AMERICA (country(?)):
- Brevipalpus chilensis

Countries of Origin and Insects--Continued

SOUTHWEST PACIFIC:
- Geotomus pygmaeus

SPAIN:
- Bruchidius cinerascens
- B. meleagrinus
- Bruchus rufipes
- Ceratitis capitata
- Cochlicella barbara
- C. ventrosa
- Cryptoblabes gnidiella
- Dacus oleae
- Dyspessa ulula
- Gnorimoschema ocellatella
- Helicella conspurcata
- H. maritima
- H. variabilis
- Helix aperta
- H. aspersa
- H. pomatia
- Lampides boeticus
- Lygaeus persimilis
- Mamestra brassicae
- Microplax plagiata
- Nezara viridula var. hepatica
- N. viridula var. torquata
- Parlatoria cinerea
- Tetranychus viennensis
- Theba pisana
- Thrips angusticeps

SUDAN:
- Trogoderma granarium

SURINAM:
- Campylenchia hastata
- Parlatoria cinerea
- Vinsonia stellifera

SWEDEN:
- Frankliniella intonsa
- Pityogenes chalcographus
- Plagiognathus arbustorum
- Rhinocola ericae
- Taeniothrips atratus

SWITZERLAND:
- Ernobius abietis
- Frankliniella intonsa
- Rhagoletis cerasi
- Stenoptilia stigmatodactyla
- Taeniothrips atratus
- Thrips flavus

SYRIA:
- Ceratitis capitata
- Trogoderma granarium

TAHITI:
- Bradybaena similaris
- Coccus viridis
- Dialeurodes kirkaldyi
- Elasmolomus v-album
- Morganella longispina
- Parlatoria cinerea

THAILAND:
- Blenina lichenosa(?)
- Chalciope hyppasia
- Diaxenes dendrobii
- Heterobostrychus aequalis
- Leptocorixa acuta
- Nephotettix apicalis
- Oxyodes scrobiculata
- Parlatoria zizyphus
- Trogoderma granarium

THAILAND(?):
- Glyphodes annulata

TRINIDAD:
- Acanthoscelides armitagei
- Aeneolamia varia ssp. saccharina
- Minthea rugicollis
- Nasutitermes guayanae
- Parlatoria cinerea
- P. zizyphus
- Pectinophora gossypiella
- Vinsonia stellifera

TURKEY:
- Bruchus ervi
- Callirhytis glandium
- Cochlicella barbara
- Eurydema ornatum
- Helicella cretica
- H. derbentina
- H. protea
- Helix lucorum
- Monacha olivieri
- Pectinophora gossypiella
- Platyedra vilella
- Theba pisana

UNION OF SOVIET SOCIALIST REPUBLICS:
- Tetranychus viennensis

UNITED ARAB REPUBLIC:
- Carpomyia incompleta
- Ceratitis capitata
- Cochlicella barbara
- Gnorimoschema ocellatella
- Theba pisana
- Trogoderma granarium

UNKNOWN:
- Aleurocanthus woglumi
- Anua triphaenoides
- Ardis sulcata
- Argidia wedelina
- Bruchus lentis
- Callidium rufipenne
- Callosobruchus phaseoli
- Caryedon gonagra
- Ceratitis capitata
- Cochlicella ventrosa
- Colaspis inconspicua(?)
- Diaphania lucidalis
- Draeculacephala clypeata
- Dynastes centaurus
- Euxoa bilitura
- E. spinifera
- Gynaikothrips ficorum
- Helicella caperata
- H. trochoides
- Heterobostrychus aequalis
- Liogenys macropelma
- Maruca testulalis
- Melamphaus faber
- Minthea rugicollis
- Mocis frugalis
- Monacha carthusiana
- Morganella longispina
- Neoclytus acuminatus
- Nephotettix apicalis
- Nymphula badiosalis
- Parastichtis monoglypha
- Parlatoria cinerea
- P. zizyphus
- Prodenia litura
- Pyrrhidium sanguineum
- Rhynchobapta flaviceps
- Schoenobius incertulas
- Sinoxylon conigerum
- Spilomela perspicata
- Spodoptera pecten

Countries of Origin and Insects--Continued

UNKNOWN--Continued
- Stephanoderes hampei
- Taeniothrips atratus
- Teleogryllus mitratus
- Tetropium fuscum
- Theba pisana
- Trichia hispida
- Trogoderma granarium
- Trogoxylon prostomoides
- Xylomeira torquata

VENEZUELA:
- Agrotis repleta
- Anastrepha mombinpraeoptans(?)
- Diabrotica speciosa
- Maruca testulalis
- Stenoma catenifer
- Tydeus kochi
- Vinsonia stellifera

VENEZUELA(?):
- Elousa albicans
- Ostrinia nubilalis

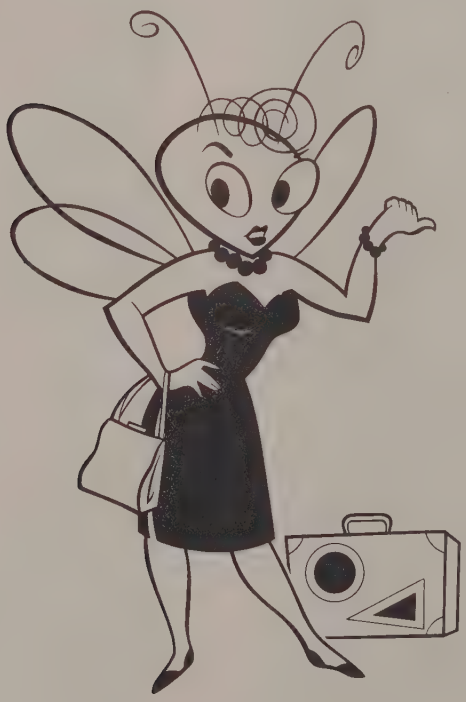
VIET-NAM:
- Achatina fulica
- Dacus dorsalis
- Gnaphalocrocis medinalis
- Nephotettix apicalis
- Schoenobius incertulas

WAKE ISLAND:
- Nephotettix apicalis
- Paromius piratoides(?)
- Prodenia litura

WEST PACIFIC:
- Amyna punctum
- Nephotettix cincticeps

YUGOSLAVIA:
- Curculio elephas
- Laspeyresia splendana
- Ostrinia nubilalis

MANY OF THESE PESTS WERE INTERCEPTED AS HITCHHIKERS



DON'T HELP HITCHHIKING BUGS!

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Anthostomella keissleri Cash & Watson:					
Oncidium luridum (orchid)	Mexico	.....	.....	1	Tex.
Aphelenchoides ritzema-bosi (Schwartz, 1911) Steiner, 1932:					
Bletilla striata (orchid)	Japan	.....	.....	1	Wash.
**Aphelenchoides saprophilus Franklin, 1957:					
Paeonia suffruticosa (tree peony)	...do.	.....	.....	1	Wash.
Aphysa senniana (Sacc.) Doidge:					
Protea sp. (flower)	Republic of South Africa.	2	.....	.....	Ill., N. Y.
**Apiospora shiraiana (Miyake & Hara) Hara:					
Bamboo	Hong Kong	1	.....	.....	Tex.
**Apple ring spot virus:					
Malus 'Granny Smith'	New Zealand	1	.....	.....	Calif.
Ascochyta citri Penz.:					
Citrus sinensis (sweet orange)	Japan	.....	5	.....	Calif.
**Ascochyta cynarae Maffei:					
Cynara scolymus (artichoke) bract	France	.....	1	.....	N. Y.
*Ascochyta lycopersici (Plow.) Brun.:					
Lycopersicon esculentum (tomato)	Japan	.....	1	.....	Calif.
**Ascochyta oryzae Catt.:					
Oryza sativa (rice)	Japan, Viet-Nam.	1	6	.....	Calif.
Ascochyta passiflorae Penz. & Sacc.:					
Passiflora maliformis (Curuba passion-flower) fruit.	Colombia	1	.....	.....	Tex.
P. mollissima (softleaf passionflower) fruit.	...do.	2	.....	.....	Fla.
Passiflora sp. (fruit)	...do.	2	.....	.....	Fla., Tex.
**Bagnisiopsis chamaedoreae (Syd.) Petr. (Hemidothis stage):					
Chamaedorea sp. (palm)	Mexico	1	.....	1	Tex.
Botryosphaeria berengeriana de N. var. araucariae Sacc. (Dothiorella araucariae stage):					
Araucaria excelsa (Norfolk-Island-pine)	Australia	.....	.....	1	Calif.
**Calcarisporium arbuscula Preuss:					
Abies alba (silver fir) seed	Italy	.....	.....	1	N. J.
*Camarosporium ellipticum Cke. & Harkn.:					
Mesembryanthemum blandum	Spain	.....	.....	1	N. Y.
**Camposporium antennatum Harkn.:					
Cymbidium sp. (orchid) leaf	Jamaica	.....	.....	1	N. Y.
**Ceratocystis coerulescens (Münch) Bakshi(?):					
Pinus sp. (pine) crate	France	1	.....	.....	La.
**Ceratocystis montia (Rumb.) Hunt(?):					
Philodendron hastatum (seed pod)	Mexico	.....	.....	1	Tex.
**Ceratocystis pluriannulata (Hedgecock) C. Moreau(?):					
Guilielma gasipaes (peach palm) fruit	Panama	1	.....	.....	Fla.
**Ceratocystis tetropii (Mathiesen) Hunt(?):					
Rosa rugosa (seed)	Denmark	.....	.....	1	N. J.
Cercospora angraeci Feuill. & Roum.:					
Cattleya sp. (orchid)	Unknown	.....	1	.....	Fla.
Dendrobium sp. (orchid)	*Australia, *Indonesia, *New Guinea.	.....	.....	6	Calif.
Epidendrum nemorale (orchid)	Mexico	.....	.....	1	Tex.
Stanhopea sp. (orchid)	...do.	.....	.....	1	Tex.
**Cercospora bougainvilleae Muntanola:					
Bougainvillea sp. (leaf)	Jamaica	.....	.....	1	Fla.

*First from country. **First interception.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
**Cercospora capitati Tharp:					
Codiaeum variegatum (variegated croton)..	Mexico	.....	.....	1	Tex.
*Cercospora caribaea Chupp & Cif.:					
Manihot esculenta (common cassava) leaf..	Guatemala	.....	.....	2	Fla.
**Cercospora gerberae Chupp & Viegas:					
Gerbera jamesonii (flameray gerbera)	Peru	.....	.....	1	Fla.
Cercospora insulana Sacc.:					
Limonium sinuatum (notchleaf statice)	*Colombia	1	.....	.....	Fla.
Limonium sp.	Guatemala	1	.....	.....	Tex.
**Cercospora nasturtii Pass.:					
Nasturtium officinale (watercress).....	Mexico	1	.....	.....	Tex.
*Cercospora odontoglossi Prill. & Del.:					
Dendrobium sp. (orchid) leaf.....	Formosa.....	.....	.....	1	Calif.
Cercospora psidii Rangel:					
Psidium guajava (guava).....	Mexico	1	.....	.....	Tex.
*Cercospora purpurea Cke.:					
Persea americana (avocado)	Honduras	1	.....	.....	Fla.
**Cercospora stachytarphetae Ell. & Ev.:					
Stachytarpheta jamaicensis (Jamaica falsevalerian) leaf.	Panama.....	1	.....	.....	Fla.
Chrysomyxa ledid By. var. rhododendri (d By.) Savile:					
Rhododendron ferrugineum (rock rhododendron) leaf.	Austria, Germany, Switzerland.	16	.....	.....	Ill., Mass., N.J., N.Y.
R. hirsutum f. albiflorum	Canada	.....	.....	1	Wash.
Rhododendron sp. (leaf)	Europe (country(?)), Switzerland, Yugoslavia.	6	1	.....	Ill., N.Y.
Coleosporium bletiae Diet.:					
Calanthe masuca (orchid) leaf.....	India.....	.....	.....	1	N.Y.
Phaius wallichii (orchid).....	...do.....	.....	.....	2	Fla.
Coleosporium dahliae Arth.:					
Dahlia sp.	Mexico	1	.....	.....	Fla.
Coleosporium plumierae Pat.:					
Plumeria sp. (frangipani) leaf.....	...do.....	.....	.....	2	Tex.
**Coleosporium rhinanthracearum Lev.:					
Pinus sp., prob. sylvestris (pine).....	Germany.....	.....	1	.....	N.Y.
**Coleosporium steviae Arth.:					
Stevia sp. (flower).....	Mexico	1	.....	.....	Ariz.
*Colletotrichum atramentarium (Berk. & Br.) Taub.:					
Solanum tuberosum (potato).....	Spain.....	.....	1	.....	Calif.
Coniothyrium cytisellum (Pass. & Thuem.) Sacc.:					
Cytisus sp. (broom) stem.....	Netherlands	.....	.....	1	N.Y.
Laburnum X watereri (Waterer laburnum).	...do.....	.....	.....	1	N.Y.
**Coniothyrium eurotioides Sacc.:					
Salix sp. (willow) twig basket	Italy	1	.....	.....	Mass.
*Coniothyrium genistae (Roum.) Berl. & Vogl.:					
Genista sagittalis (woadwaxen) leaf	Netherlands	.....	.....	2	N.J.
**Coryneum sorbi Pk.:					
Sorbus aucuparia (European mountain-ash)	Scotland	1	.....	.....	Mass.
*Criconema fimbriatum Cobb in Taylor, 1936:					
Soil with unidentified seedlings	Guatemala	.....	.....	1	Calif.
Criconemoides xenoplax Raski, 1952:					
Soil with Juniperus chinensis.....	Japan.....	.....	.....	1	Calif.
**Cryptodiaporthe galericulata (Tul.) n. comb. (Fusicoccum galericulatum stage):					
Fagus sylvatica var. rohani.....	Netherlands	.....	.....	1	N.J.

*First from country. **First interception.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Cryptospora longispora Servazzi:					
Araucaria excelsa (Norfolk-Island-pine) seed.	Australia, New Zealand, Norfolk Island.	.....	.....	10	Calif., N.J.
**Cryptosporella macrozamiae P. Henn.:					
Macrozamia spiralis (spiral macrozamia).	Australia	.....	.....	1	Wash.
**Cryptostroma corticale (Ell. & Ev.) Gregory & Waller:					
Acer pseudoplatanus (planetree maple) bark.	Belgium(?).....	1	.....	.....	N.Y.
Curvularia lunata (Wakk.) Boed.:					
Chamaedorea sp. (palm).....	Mexico	2	.....	.....	Tex.
Cucurbita sp. (squash)	...do.....	1	.....	.....	Tex.
Gramineae (grass).....	...do.....	1	.....	.....	Tex.
Orchid (leaf).....	*Bahamas.....	.....	.....	1	P.R.
Cycloconium oleaginum Cast.:					
Olea europaea (olive).....	Italy	1	.....	.....	Calif.
Cytospora palmicola Berk. & Curt.:					
Cocos nucifera (coconut).....	Guam, *Jamaica..	1	.....	1	Fla., Hawaii.
*Diaporthe arctii (Lasch) Nits. (Phomopsis stage):					
Chamaedorea sp. (palm).....	Mexico	1	.....	.....	Tex.
*Diaporthe medusaea Nits. (Phomopsis stage):					
Nothofagus obliqua (falsebeech).....	England.....	.....	.....	1	Wash.
**Diatrype albopruinosa (Schw.) Cke. & Ell.:					
Quercus sp. (oak) stem.....	Mexico	1	.....	.....	Tex.
Didymellina ornithogali Jacq. (Heterosporium stage):					
Ornithogalum thyrsoides (Cape chinkerichee) stem.	*England, Republic of South Africa.	3	.....	.....	Mass., N.Y.
*Discula quercina (West.) Arx:					
Quercus sp. (oak) leaf	Mexico	.....	.....	1	Tex.
Ditylenchus dipsaci (Kuhn, 1857) Filipjev, 1936:					
Narcissus sp. (bulb)	England.....	.....	.....	1	N.J.
Elsinoe australis Bitanc. & Jenkins:					
Citrus aurantifolia (lime).....	Argentina, Brazil.	5	33	.....	Calif., Fla., N.Y.
C. limon (lemon)	Argentina, Brazil, South America (country(?)), Uruguay.	3	27	.....	Ala., Calif., Fla., La., N.Y., Pa., Tex.
C. paradisi (grapefruit).....	Brazil.....	.....	1	.....	N.Y.
C. reticulata (Mandarin orange).....	Argentina, Brazil, Paraguay, South America (country(?)), unknown, Uruguay.	17	39	.....	Calif., Fla., N.Y., Pa.
C. reticulata X C. sinensis (tangor)	Argentina	.....	1	.....	N.Y.
C. sinensis (sweet orange).....	Argentina, Brazil, Paraguay, South America (country(?)), unknown, Uruguay.	52	176	.....	Ala., Calif., Del., Fla., Ga., Hawaii, La., Mass., Md., Mich., N.C., N.Y., Ohio, Pa., P.R., S.C., Tex., Va.
Citrus hybrid.....	Argentina	.....	1	.....	N.Y.
**Elsinoe batatas Viegas & Jenkins:					
Ipomoea intrapilosa (leaf)	Mexico	1	.....	.....	Tex.

*First from country. **First interception.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Elsinoe mangiferae Bitanc. & Jenkins:					
Mangifera indica (mango)	*Bahamas, Brazil, *British Honduras, *Cayman Islands, *Colombia, Costa Rica, Dominican Republic, *El Salvador, Haiti, Honduras, Jamaica, Mexico, *Panama, *Philippines, Puerto Rico, *Trinidad.	40	6	.....	Fla., Hawaii, La., N.Y., P.R., Tex.
*Elsinoe piri (Wor.) Jenkins:					
Malus sylvestris (apple)	Portugal	.....	1	.....	P.R.
Fusarium oxysporum Schlecht.:					
Ullucus tuberosus (tuber ullucus)	Peru	.....	1	.....	La.
Graphiola borassi Syd. & Butl.:					
Borassus flabellifer (palmyra palm)	India	7	.....	.....	Md., Mich., Tex.
Palm (leaf)	...do	1	.....	.....	Calif.
Guignardia citricarpa Kiely (Phoma stage):					
Citrus aurantifolia (lime)	Japan	.....	1	.....	Oreg.
C. aurantium (sour orange)	...do	.....	3	.....	Calif.
C. grandis (pummelo) dried peel	Hong Kong, unknown.	2	.....	.....	Mass., N.Y.
C. limon (lemon)	Africa (country(?)), Australia, Formosa, Japan, Mozambique, Republic of South Africa, unknown.	2	52	.....	Ala., Calif., Hawaii, La., Mass., N.Y., Oreg., Pa., P.R., S.C., Wash.
C. paradisi (grapefruit)	Japan, Republic of South Africa, Thailand.	1	5	.....	Calif., Hawaii, Pa., P.R.
C. reticulata (Mandarin orange) dried peel and fruit.	Australia, China, Formosa, Hong Kong, Japan, Korea, Okinawa, Philippines, Tahiti(?), Thailand, unknown, Viet-Nam.	97	16	.....	Ariz., Calif., Fla., Hawaii, Ill., La., Mass., Md., Mich., N.Y., Oreg., Pa., S.C.
C. reticulata cv.	Formosa, Japan, Korea.	5	2	.....	Hawaii, Wash.
C. reticulata X C. sinensis (tangor)	Japan	.....	3	.....	Wash.
C. sinensis (sweet orange)	Africa (country(?)), Argentina, Australia, Brazil, China, Formosa, Hong Kong, India, Japan, Mozambique, Philippines, Republic of South Africa, South America (country(?)), unknown, Viet-Nam.	76	262	.....	Ala., Calif., Del., Fla., Ga., Hawaii, Ill., La., Mass., Md., Mich., N.C., N.J., N.Y., Ohio, Oreg., Pa., P.R., S.C., Tex., Va., Wash.
Citrus sp. (dried peel)	China, Formosa, Hong Kong, Japan, unknown.	33	1	.....	Calif., Fla., Hawaii, Ill., Mich., N.Y., Tex., Wash.

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Guignardia traversi (Cav.) Lind.:					
Stanhopea sp. (orchid) leaf	Mexico	.....	.....	1	Tex.
Gymnosporangium cornutum Kern:					
Sorbus aucuparia (European mountain-ash)	Finland	.....	.....	1	N. Y.
Sorbus sp. (fruit and leaf)	*Poland	1	.....	.....	Wash.
Gymnosporangium haraeanum Syd.:					
Juniperus chinensis	Japan	.....	1	2	Calif., Hawaii.
**Haplosporella salicicola (Pass.) Petr. & Syd.:					
Salix sp. (willow) twig basket	Italy	1	.....	.....	Mass.
**Helicotylenchus microlobus Perry in Perry, Darling & Thorne, 1959:					
Soil with Mentha sp. (mint) plant	Mexico	.....	.....	1	Ariz.
*Helminthosporium cynodontis Marig.:					
Cynodon dactylon (Bermuda grass)	Kenya	.....	.....	1	D.C.
Heterodera avenae Wollenweber, 1924:					
Soil with automobile, engineering equipment, and used farm tractor.	Belgium, England, Europe (country(?)), Germany.	17	.....	.....	Md., Ohio, Wash.
Soil with propagative material (Allium sativum, bamboo, Hydrangea sp., Rosa sp., and unidentified plants).	England, Germany, Italy.	.....	1	7	Ill., N.J., N.Y.
Soil with stores (Colocasia antiquorum and Solanum tuberosum).	England, Japan	.....	2	.....	N.C., N.Y.
*Heterodera cruciferae Franklin, 1945:					
Soil with Brassica napobrassica (rutabaga).	Netherlands	.....	1	.....	Calif.
*Heterodera fici Kirjanova, 1954:					
Soil with Ficus sp. (fig) plant	Chile, Venezuela	.....	.....	2	N.Y.
Heterodera humuli Filipjev, 1934:					
Soil with Humulus sp. (hop)	Germany	.....	.....	1	Ill.
Soil with Polygonum cuspidatum	...do	.....	.....	1	N.J.
Soil with used farm tractor	England	2	.....	.....	Wash.
Heterodera punctata Thorne, 1928:					
Soil with airplane, automobile, bus, motorcycle, and used farm tractor.	Belgium, Canada, England, Europe (country(?)), Germany, Norway.	23	.....	.....	Calif., Fla., Md., N.Y., Ohio, Pa., S.C., Tex., Wash.
Soil with propagative material (cactus, Calceolaria sp., Calluna vulgaris, Campanula sp., grass, Hyacinthus sp., Narcissus sp., Pelargonium sp., Primula sp., Sedum sp., Senecio sp., Taxus sp., Trifolium repens cv., and unidentified plants).	England, France, Germany, Ireland, Italy, Mexico, Scotland.	.....	8	18	Ariz., Calif., Ill., Mass., Md., Mich., N.J., N.Y., Pa. Tex.
Soil with stores (Beta vulgaris and Solanum tuberosum).	England, Netherlands.	.....	3	.....	Ala., Fla., Mich.
Heterodera rostochiensis Wollenweber, 1923:					
Soil sample	England	1	.....	.....	N.Y.
Soil with automobile, equipment, miscellaneous cargo, and used farm tractor.	England, Europe (country(?)), France, Germany, Netherlands.	18	.....	.....	Calif., Fla., Tex., Wash.
Soil with propagative material (Arabis sp., Calluna vulgaris, Cineraria sp., Convallaria sp., Dahlia sp., Dianthus caryophyllus, Galanthus sp., Hyacinthus sp., Hydrangea sp., Juniperus sp., Lavandula sp., Ligustrum sp., Mentha sp., Rheum rhaponticum, Trifolium repens cv., and unidentified plants).	Azores, England, Germany, Ireland, Poland, Scotland, unknown.	3	2	26	Calif., Fla., Hawaii, Ill., Mass., Mich., N.Y., Wash.

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Heterodera rostochiensis--Continued					
Soil with vegetables (Allium sativum, Apium graveolens vars. dulce and rapaceum, Beta vulgaris, Brassica napobrassica, Daucus carota var. sativa, and Solanum tuberosum).	Belgium, Denmark, England, France, Germany, Netherlands, Peru, Spain.	4	17	.....	Calif., Fla., Hawaii, Ill., N.J., N.Y., Tex., Va.
*Heterodera trifolii Goffart, 1932:					
Soil with used farm tractor	England.....	3	.....	.....	Wash.
Leptosphaeria obtusispora Speg.:					
Agave sp. (leaf)	Mexico	.....	.....	1	Tex.
Yucca sp. (leaf)	...do.....	.....	.....	1	Tex.
Leptosphaeria protearum Syd.:					
Protea sp. (flower)	Republic of South Africa.	1	.....	.....	N.Y.
**Leptosphaeria spartinae Ell. & Ev.:					
Spartina sp. (cord grass).....	England.....	.....	.....	1	N.J.
Macrophoma araucariae De Lac.:					
Araucaria cookii (seed)	New Zealand	.....	.....	3	Calif.
A. excelsa (Norfolk-Island-pine) seed.....	Australia, Norfolk Island.	.....	.....	2	Calif.
**Marssonina daphnes (Desm. & Rob.) P. Magn.:					
Daphne mezereum (February daphne) seed.	Italy	.....	.....	1	N.J.
Melampsoridium betulinum (Fr.) Kleb.:					
Betula sp. (birch) leaf.....	Finland.....	1	.....	.....	Ill.
**Melanospora destruens Shear:					
Casimiroa edulis (white sapote) leaf.....	Mexico	1	.....	.....	Tex.
Meloidogyne arenaria (Neal, 1889) Chitwood, 1949:					
Alocasia sp. (root of plant)	...do.....	.....	.....	1	Tex.
Caladium sp. (bulb).....	Guatemala	.....	.....	3	Fla.
Zingiber officinale (ginger)	Canal Zone, *Philippines.	1	.....	1	Fla., Hawaii.
Meloidogyne hapla Chitwood, 1949:					
Aconitum napellus 'Bressingham' (root)...	Germany.....	.....	.....	1	N.J.
Anemone japonica 'Profusion' (root)	England.....	.....	.....	1	N.J.
A. vitifolia (root).....	...do.....	.....	.....	1	N.J.
Aquilegia akitensis (root).....	Japan	.....	.....	1	N.J.
Artemisia schmidtiana (root).....	England.....	.....	.....	1	N.J.
Astilbe 'Peachblossom' (root).....	Netherlands	.....	.....	1	N.J.
Callicarpa giraldiana (root).....	...do.....	.....	.....	1	N.J.
Campanula 'Warley Gem' (root)	England.....	.....	.....	1	N.J.
Chrysanthemum maximum 'Ben Lomond'..	...do.....	.....	.....	1	N.J.
Clematis 'Ville de Lyon' (root).....	Netherlands	.....	.....	1	N.J.
Doronicum caucasicum (root)	Germany.....	.....	.....	1	N.J.
Geranium endressii (root)	England.....	.....	.....	1	N.J.
Geum 'Red Wings' (root).....	...do.....	.....	.....	1	N.J.
Viola eizanensis (root)	Japan	.....	.....	1	N.J.
Meloidogyne incognita acrita Chitwood, 1949:					
Caladium sp. (root).....	Guatemala	1	.....	.....	Calif.
Colocasia sp. (root).....	Hong Kong	.....	.....	1	N.J.
Dahlia sp. (root).....	Japan	.....	.....	1	Calif.
Hoffmannia sp. (root)	Brazil.....	.....	.....	1	Md.
Ipomoea batatas (sweetpotato).....	*Surinam	.....	1	.....	Ala.
Lactuca sativa (lettuce) root	*Ivory Coast	.....	1	.....	Mass.
Palm (root)	Mexico	.....	.....	1	Calif.
Solanum tuberosum (potato).....	Chile, *Peru.....	.....	2	.....	Calif., Pa.
Zingiber officinale (ginger)	Japan	.....	.....	1	Hawaii.
Zoysia sp. (root)	Philippines.....	.....	.....	1	Hawaii.

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		CONSUMPTION	NONENTRY	PROPAGATION	
Meloidogyne incognita incognita (Kofoid & White, 1919) Chitwood, 1949:					
Apium graveolens var. dulce (celery)	Republic of South Africa.	.....	1	.....	Mass.
Beta vulgaris (beet)	Italy	.....	1	.....	Pa.
Cactus (root)	Israel	.....	.....	1	N. Y.
Gladiolus 'Valeria' and Gladiolus sp. (corm)	Japan	.....	.....	2	Calif.
Meloidogyne javanica javanica (Treub, 1885) Chitwood, 1949:					
Agapanthus gracilis and A. orientalis (root)	Republic of South Africa.	.....	.....	2	N. J.
Aloe simii (root)	...do	.....	.....	1	Tex.
Beta vulgaris (beet)	Brazil	.....	1	.....	Pa.
Daucus carota var. sativa (carrot)	Greece	.....	1	.....	Ala.
Forsythia sp. (root)	Italy	.....	.....	1	N. J.
*Metasphaeria hawaiiensis F. L. Stevens & Young:					
Metrosideros sp. (irontree)	New Caledonia	.....	.....	1	Hawaii.
Monilinia fructigena (Aderh. & Ruhl.) Honey:					
Cydonia oblonga (quince)	*Bulgaria, Italy	3	.....	.....	N. Y.
Malus sylvestris (apple)	Germany, Italy, Spain.	1	3	.....	Calif., Md., N. Y., Pa.
Prunus armeniaca (apricot)	France	.....	2	.....	N. Y., Pa.
P. avium (Mazzard cherry)	England	.....	1	.....	Pa.
P. domestica (plum)	England, France, Italy, Spain.	.....	8	.....	N. Y.
P. persica (peach)	France, Italy	.....	5	.....	N. Y., Pa.
P. persica var. nectarina (nectarine)	Portugal	1	.....	.....	N. Y.
Prunus sp. (cherry)	France, Italy	2	1	.....	Mass., N. Y., Pa.
Pyrus communis (pear)	*Bulgaria, Netherlands, Spain.	1	3	.....	N. Y., Pa.
Mycosphaerella cattleyae Cash & Watson:					
Cattleya sp. (orchid) leaf	Colombia, Guatemala.	2	.....	9	Fla.
Epidendrum radicans (orchid) leaf	Guatemala	.....	.....	2	Fla.
Epidendrum sp.	Bahamas	.....	.....	1	Fla.
Huntleya meleagris (orchid) leaf	Panama	.....	.....	1	La.
Orchid (leaf)	Bahamas, Colombia, Guatemala, Panama.	1	.....	6	Fla.
Sobralia sp. (orchid) leaf	Canal Zone, Guatemala, Honduras,	3	.....	3	Fla., Tex.
Mycosphaerella opuntiae (Ell. & Ev.) Dearn.:					
Cereus sp. (cactus)	Mexico	1	.....	.....	Tex.
Opuntia sp. (pricklypear) fruit	...do	1	.....	.....	Calif.
Pachycereus pecten-aboriginum (hairbrush cactus) stem.	...do	1	.....	.....	Tex.
Rhipsalis sp. (cactus) stem	*Guatemala	.....	.....	1	Fla.
*Mycosphaerella palmae Miles:					
Chamaedorea sp. (palm) leaf	Guatemala	1	.....	.....	La.
Palm (frond)	American Samoa	1	.....	.....	Hawaii.
*Mycosphaerella philodendri (Pat.) Lindau:					
Philodendron sp. (leaf)	Surinam	.....	.....	1	Fla.
Mycosphaerella proteae (Syd.) Arx:					
Protea sp. (leaf)	Republic of South Africa.	2	.....	.....	N. Y.
Mycosphaerella schoenoprasi (Ces. & de N.) Schroet.:					
Allium fistulosum (Welsh onion)	Japan	.....	4	.....	N. Y., Pa.

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Mycosphaerella schoenoprasi--Continued					
Allium porrum (leek)	Japan	.....	11	.....	Calif., Hawaii, Tex.
**Myxofusicoccum salicis Died.:					
Salix sp. (willow) twig basket	Italy	1	.....	.....	Mass.
**Myxotrichum chartarum Kze.:					
Oryza sativa (rice) hull	Japan	.....	1	.....	Calif.
*Nectria ochroleuca (Schw.) Berk.:					
Zingiber officinale (ginger) bract	Fiji	1	.....	.....	Calif.
Neovossia horrida (Tak.) Padw. & A. Khan:					
Oryza sativa (rice) hull, rope, seed, and straw.	Japan	4	190	1	Calif., Hawaii, Oreg., Wash.
O. sativa cv. Lua lo and Lua som (seed)	*Viet-Nam	.....	.....	2	D.C.
**Phaeosphaeria eustoma (Fckl.) Holm:					
Oryza sativa (rice) hull and straw	Japan	2	2	.....	Calif.
Phakopsora gossypii (Arth.) Hirat. f.:					
Gossypium sp. (cotton) leaf	Jamaica	1	.....	.....	Fla.
Phakopsora jatrophicola Cumm.:					
Jatropha curcas (Barbados-nut) leaf	Dominican Republic.	1	.....	.....	P.R.
J. gossypiifolia (cutting)	...do	.....	.....	1	Fla.
Phoma pomi Pass.:					
Malus sylvestris (apple)	*Japan, Mexico	1	1	.....	Calif., Tex.
**Phoma tuberosa Melhus, Rosenbaum, & Schultz:					
Solanum tuberosum (potato)	Japan	.....	1	.....	Calif.
Phomopsis cocoes Petch:					
Cocos nucifera (coconut)	Hawaii	5	3	.....	Calif.
**Phomopsis lirella (Desm.) Hoehn.:					
Plumeria rubra (Mexican frangipani) pod	...do	.....	.....	1	Calif.
*Phomopsis palmicola (Wint.) Sacc.:					
Palm (leaf)	Trinidad	1	.....	.....	N.Y.
Phyllachora cynodontis (Sacc.) Niessl:					
Cynodon dactylon (Bermuda grass)	*Formosa, Kenya	.....	.....	2	D.C.
Cynodon sp. (stolon)	*Zambia	.....	.....	1	D.C.
Phyllachora engleri Speg.:					
Anthurium sp. (plant)	Costa Rica	.....	.....	1	Fla.
**Phyllachora miscanthi Syd.:					
Miscanthus sp. (silver grass)	Korea	1	.....	.....	Hawaii.
**Phyllosticta buxina Sacc.:					
Buxus sempervirens (boxwood)	England	.....	1	.....	Wash.
*Phyllosticta dracaenae P. Henn.:					
Cordyline sp. (dracena)	Australia	.....	.....	2	P.R.
*Phyllosticta draconis Berk.:					
Cordyline sp. (dracena)	Thailand	.....	.....	1	P.R.
**Phyllosticta ilicis Oud.:					
Ilex sp. (holly) leaf	Ireland	.....	.....	1	Mass.
**Phyllosticta oryzina (Sacc.) Padw.:					
Oryza sativa (rice) stem	Japan	.....	6	.....	Calif.
Phyllosticta ruscicola Dur. & Mont.:					
Ruscus aculeatus (butchersbroom)	Italy	2	.....	.....	La.
*Phyllosticta stanhopeae Allesch.:					
Stanhopea sp. (orchid) leaf	El Salvador	.....	.....	1	Fla.
Phyllosticta violae Desm.:					
Viola sp. (violet) leaf	Sweden	1	.....	.....	Mass.
**Phyllosticta visci Sacc.:					
Phoradendron sp. (American mistletoe)	France	1	.....	.....	N.J.
**Phyllostictina cruenta (Fr.) Petr. & Syd.:					
Hosta sp. (leaf)	Japan	.....	1	.....	Hawaii.

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		CONSUMPTION	NONENTRY	PROPAGATION	
**Phyllostictina hysterella (Sacc.) Petr.:					
Cephalotaxus sp. (plum-yew) leaf	Japan	.....	2	.....	Hawaii.
**Phyllostictina ilicicola (Cke. & Ell.) Hoehn.:					
Ilex sp. (holly) leaf	Italy	1	.....	.....	N. Y.
Phyllostictina mangiferae Batista & Vital:					
Mangifera sp. (leaf)	Mexico	1	.....	.....	Tex.
*Phyllostictina musarum (Cke.) Petr.:					
Musa X paradisiaca (banana)	Australia, Philippines, Tahiti.	5	3	.....	Hawaii.
Phyllostictina pyriformis Cash & Watson:					
Arundina bambusifolia (orchid)	Philippines	.....	.....	1	Hawaii.
Epidendrum sp. (orchid) leaf	Mexico	.....	.....	2	Tex.
Oncidium sp. (orchid)	...do	.....	.....	1	Tex.
Orchid (leaf)	American Samoa, Jamaica, *Surinam.	.....	.....	3	Fla., N. Y.
Phalaenopsis sp. (moth orchid) leaf	Thailand	.....	.....	1	N. Y.
Stanhopea sp. (orchid) leaf	Mexico	.....	.....	1	Tex.
Physalospora camptospora Sacc.:					
Stanhopea sp. (orchid) leaf	Guatemala, Mexico.	.....	.....	2	Fla., Tex.
**Physalospora vaccinii (Shear) Arx & Müller:					
Vaccinium corymbosum (highbush blueberry).	Norway	.....	.....	1	N. Y.
Physalospora wildemanniana Sacc.:					
Catasetum sp. (orchid) stem	*Costa Rica	.....	.....	1	Tex.
Hexisea bidentata (orchid)	*Canal Zone	.....	.....	1	Fla.
Orchid (leaf)	Mexico	.....	.....	1	Tex.
**Pileolaria terebinthi Cast.:					
Pistacia sp. (pistache)	Lebanon	1	.....	.....	Mass.
Pratylenchus penetrans (Cobb, 1917) Filipjev & Schuurmans Stekhoven, 1941:					
Iris sp. (rhizome)	Japan	.....	.....	1	Hawaii.
**Prospodium plagiopous (Mont.) Arth.:					
Tabebuia palmeri (Palmer trumpettree)	Mexico	1	.....	.....	Ariz.
**Prosthecium innesii (Curr.) Wehmeyer:					
Acer pseudoplatanus (planetree maple)	Italy	1	.....	.....	Calif.
Pseudomonas marginalis (N. A. Brown) F. L. Stevens:					
Cichorium endivia (endive)	Belgium	1	.....	.....	N. Y.
Pseudomonas syringae v. Hall:					
Citrus aurantifolia (lime)	Italy	1	.....	.....	N. Y.
C. limon (lemon)	...do	1	2	.....	Calif., N. Y., Ohio.
C. sinensis (sweet orange)	Israel	1	.....	.....	N. Y.
*Pseudopeziza trifolii (Fr.) Fckl.:					
Trifolium pratense (red clover)	New Zealand	.....	1	.....	Calif.
Puccinia arenariae (Schum.) Wint.:					
Dianthus barbatus (sweetwilliam) leaf	Germany	.....	1	.....	Mass.
Puccinia buxi DC.:					
Buxus sempervirens (boxwood) leaf	England, Europe (country(?)), France, *Hungary, Ireland, *Spain, unknown.	8	51	1	Fla., Ill., Mass., Md., N. Y., Va., Wash.
Puccinia cacabata Arth. & Holw.:					
Gossypium sp. (cotton)	Mexico	.....	1	.....	Tex.
**Puccinia calcitrapae DC.:					
Cirsium sp. (thistle) leaf	...do	.....	.....	1	Calif.

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		CONSUMPTION	NONENTRY	PROPAGATION	
Puccinia carthami Cda.:					
Carthamus tinctorium (safflower) leaf.	Mexico	3	.....	.....	Ariz., Calif.
**Puccinia cyani Pass.:					
Centaurea cyanus (cornflower) leaf	France	1	.....	.....	N. Y.
Puccinia heliconiae Arth.:					
Heliconia sp. (leaf)	Guatemala	1	.....	.....	Fla.
Puccinia horiana P. Henn.:					
Chrysanthemum morifolium (florists chrysanthemum) leaf.	Japan	20	52	1	Calif., Hawaii, N. Y., Wash.
Chrysanthemum sp. (leaf)	*China(?), Japan	28	35	.....	Calif., Hawaii.
Puccinia kusanoi Diet.:					
Sasa sp. (?)(dwarf bamboo)	Japan	.....	.....	1	Wash.
**Puccinia leontidicola P. Henn.:					
Leonotis nepetaefolia (leaf)	Mexico	1	.....	.....	Tex.
**Puccinia lobata Berk. & Curt.:					
Althaea rosea (hollyhock) leaf	...do	1	.....	.....	Tex.
*Puccinia magnusiana Koern.:					
Phragmites sp. (reed) leaf.	Japan	1	.....	.....	Wash.
*Puccinia oncidii Cumm.:					
Stelis sp. (leaf)	Peru	2	.....	.....	Hawaii.
Puccinia ornithogali-thyrsoides Diet.:					
Ornithogalum thyrsoides (Cape chinkerichee) flower.	Republic of South Africa.	3	.....	.....	Ill., Mass., N. Y.
Puccinia poae-nemoralis Otth:					
Alopecurus sp. (foxtail grass)	Afghanistan	.....	.....	1	D. C.
Puccinia psidii Wint.:					
Pimenta dioica (allspice pimenta) leaf.	Jamaica	2	.....	1	Fla.
*Puccinia pulverulenta Grev.:					
Gayophytum racemosum (leaf)	Peru	1	.....	.....	N. Y.
Puccinia scirpi DC.:					
Scirpus sp. (bulrush) stem	Portugal, *Spain	2	.....	.....	Hawaii, N. Y.
**Puccinia scleriicola Arth.:					
Scleria microcarpa (leaf)	Rhodesia	1	.....	.....	N. Y.
**Puccinia sessilis Schroet.:					
Convallaria majalis (lily-of-the-valley)	Germany	1	.....	.....	N. Y.
Hosta sp. (leaf)	Japan	.....	1	.....	Hawaii.
*Puccinia thaliae Diet.:					
Canna sp. (leaf)	Dominica	.....	.....	1	P. R.
Puccinia urbaniana P. Henn.:					
Stachytarpheta jamaicensis (Jamaica falsevalerian).	Dominican Republic.	5	.....	.....	Fla., N. Y., P. R.
**Pucciniastrum potentillae Körn.:					
Potentilla sp. (cinquefoil) leaf.	Azores	.....	.....	1	Mass.
*Pucciniastrum vaccinii (Wint.) Jørst.:					
Vaccinium intermedium (cutting)	Scotland	.....	.....	1	Wash.
V. vitis-idaea (cowberry)	Norway	.....	.....	1	N. Y.
Pyrenochaeta oryzae I. Miyake:					
Oryza sativa (rice) straw	India, *Korea, *Saudi Arabia.	4	1	.....	Calif., Hawaii.
Radopholus similis (Cobb, 1893) Thorne, 1949:					
Anthurium andraeanum (flamingo anthurium).	Hawaii	.....	.....	3	Hawaii.
Anthurium sp.	...do	.....	.....	1	Hawaii.
**Ramularia menthicola Sacc.:					
Mentha sp. (mint)	Chile	1	.....	.....	Fla.
**Rhabdospora ulmi Berl. & Roum.:					
Ulmus wallichi (Himalayan elm) twig.	India	.....	.....	1	Calif.

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**Rhabdospora vermicularioides Syd.:					
Genista sp. (woadwaxen) stem	England	.....	.....	1	Calif.
*Rotylenchus uniformis (Thorne, 1949) Loof & Oostenbrink, 1958:					
Soil with engineering equipment	Belgium	1	.....	.....	Md.
Scirrhia lophodermioides Ell. & Ev.:					
Saccharum officinarum (sugarcane) leaf	Mexico	1	.....	.....	Tex.
Scirrhia rimosa (Alb. & Schw.) Fckl.:					
Phragmites sp. (reed) stem	Germany	1	.....	.....	Ala.
Scutellonema brachyurum (Steiner, 1938) Andrassy, 1958:					
Soil with Amaryllis sp. (bulb)	Mexico	.....	.....	1	Ariz.
**Septomyxa tulasnei (Sacc.) Hoehn.:					
Acer davidii (David maple) seed	England	.....	.....	1	N.J.
**Septoria aceris (Lib.) Berk. & Br.:					
Acer sp. (maple) leaf	France, Ireland	.....	1	1	N.Y., P.R.
Septoria curvula I. Miyake:					
Oryza sativa (rice) hull	Japan	.....	3	.....	Calif.
*Septoria fructigena Berk. & Curt.:					
Passiflora quadrangularis (giant granadilla) fruit.	Dominican Republic.	1	.....	.....	P.R.
Septoria hepaticae Desm.:					
Hepatica sp. (leaf)	Norway	.....	.....	1	N.Y.
Septoria limonum Pass.:					
Citrus limon (lemon)	Spain	.....	1	.....	N.Y.
Septoria miyakei Sacc. & Trav.:					
Oryza sativa (rice) hull	Japan	.....	8	.....	Calif.
Septoria oryzae Catt.:					
Oryza sativa (rice) hull and straw	India, *Korea, Japan.	4	55	.....	Calif.
Septoria selenophomoides Cash & Watson:					
Epidendrum sp. (orchid) leaf	Guatemala, Mexico.	.....	.....	2	Fla., Tex.
Orchid (leaf)	Guatemala, Mexico.	.....	.....	5	Ariz., Calif., Tex.
**Sorosporium afrum Syd.:					
Panicum laevifolium	Republic of South Africa.	.....	.....	1	D.C.
Sphaceloma fawcettii Bitanc. & Jenkins var. scabiosa (McAlp. & Tryon) Jenkins:					
Citrus limon (lemon)	Australia	.....	4	.....	Hawaii, La., Pa.
Sphaceloma punicae Bitanc. & Jenkins:					
Punica granatum (pomegranate)	*Argentina, Mexico.	10	.....	.....	Ariz., Fla., N.Y., Tex.
**Sphacelotheca digitariae (Kze.) Clinton:					
Digitaria sp. (grass) packing	Iran	1	.....	.....	D.C.
Sphenospora saphena Cumm.:					
Oncidium nanum (orchid)	Peru	.....	.....	1	Fla.
**Synchytrium aecidioides (Pk.) Lagerh.:					
Desmodium conzattii (tickclover)	Mexico	.....	.....	1	Ariz.
Thecaphora solani Barrus:					
Solanum stoloniferum (tuber)	...do	3	.....	1	Calif., Tex.
Solanum sp. (tuber)	...do	2	.....	.....	Tex.
Thecopsora areolata (Fr.) P. Magn.:					
Picea abies (Norway spruce) cone	Austria	.....	.....	1	N.J.
*Tylenchorhynchus brevidens Allen, 1955:					
Soil with Olea sp.	Jordan	.....	.....	1	Tex.
Tylenchorhynchus crassicaudatus Williams, 1960:					
Bambusa sp. (bamboo) root	Japan	.....	.....	1	Hawaii.
Jasminum sp. (jasmine) root	Philippines	.....	.....	1	Hawaii.

*First from country. **First interception.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Tylenchorhynchus dubius (Bütschli, 1873) Filipjev, 1936:					
Soil with engineering equipment	Belgium	1	.....	.....	Md.
Uredo epidendri P. Henn.:					
Epidendrum sp. (orchid)	Mexico	.....	.....	1	Tex.
Uredo gynandrearum Cda.:					
Mormodes buccinator (orchid) leaf	Costa Rica	.....	.....	1	Calif.
Uredo ignava Arth.:					
Bambusa sp. (bamboo) leaf	Formosa, *India	2	.....	.....	Calif.
**Uredo lynchii (Berk.) Plowr.:					
Chondrorhyncha sp. (orchid)	Guatemala	.....	.....	1	Fla.
Uredo nidularii P. Henn.:					
Bromeliad	*Jamaica	.....	.....	1	Fla.
Tillandsia deppeana	Mexico	.....	.....	1	Tex.
T. foliosa	...do	.....	.....	1	Tex.
Uredo oncidii P. Henn.:					
Oncidium bicallosum (orchid) leaf	Guatemala	.....	.....	1	Fla.
O. cebolleta	...do	.....	.....	2	Fla.
O. kramerianum	Costa Rica	.....	.....	2	Calif.
O. luridum	El Salvador	.....	.....	1	Fla.
O. microchilum	Nicaragua	.....	.....	1	Fla.
O. splendidum	El Salvador	.....	.....	1	Fla.
Oncidium sp.	British Honduras, *Colombia, Guamala, Jamaica.	.....	.....	4	Fla., Hawaii.
*Uredo tillandsiae Cumm.:					
Bromeliad (leaf)	Guatemala	.....	.....	1	Fla.
Tillandsia sp.	Guatemala, Panama	.....	.....	2	Fla.
**Urocystis oxalidis Paz.:					
Oxalis tuberosa (tuber)	Bolivia	.....	.....	1	Fla.
Uromyces aloes (Cke.) P. Magn.:					
Aloe spp. (leaf)	Republic of South Africa.	.....	.....	4	Hawaii, N. Y.
Uromyces alyxiae Arth.:					
Alyxia olivaeformis (maile alyxia) leaf	Hawaii	9	.....	.....	Calif., Hawaii.
*Uromyces commelinae Cke.:					
Zebrina pendula (wanderingjew zebrina)	Panama	.....	.....	2	Fla.
Uromyces genistae-tinctoriae (Pers.) Wint.:					
Genista sagittalis (leaf)	Netherlands	.....	.....	1	N. J.
**Uromyces muscari (Duby) Lév.:					
Hyacinthus sp. (bulb)	Bulgaria	.....	.....	1	N. J.
Uromyces viciae-fabae (Pers.) Schroet.:					
Lens culinaris (lentil) leaf, stem, and seed	*Brazil, Chile, *Colombia, Ecuador, *Peru.	4	3	.....	Ala., Fla., La.
Vicia faba (broadbean)	Mexico	1	.....	.....	Tex.
**Uromycladium alpinum McAlp.:					
Acacia discolor (sunshine-wattle acacia)	Australia	.....	.....	1	Calif.
**Uromycladium notabile McAlp.:					
Acacia linifolia (flaxleaf acacia)	...do	.....	.....	1	Calif.
Ustilaginoidea virens (Cke.) Tak.:					
Oryza sativa (rice) kernel	Japan	1	.....	.....	Wash.
O. sativa cv. Lua som	*Viet-Nam	.....	.....	1	D. C.
*Valsa translucens Ces. & de N.:					
Salix sp. (willow) withes	France	1	.....	.....	Mass.

*First from country. **First interception.

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
Xanthomonas citri (Hasse) Dowson:					
Citrus aurantifolia (lime)	Afghanistan, India, Indonesia, Japan, Philippines, Thailand, unknown, Viet-Nam.	20	105	.....	Calif., Hawaii, Mass., Md., N. Y., Oreg., Pa.
C. aurantium (sour orange)	Japan	.....	21	.....	Calif., Fla., Hawaii, Tex., Wash.
C. grandis (pummelo)	Formosa, Malaysia, Thailand.	1	2	.....	Calif., Hawaii, Pa.
C. ichangensis (ichang bitter-orange)	*Laos	1	.....	.....	Hawaii.
C. limon (lemon)	Formosa, India, Japan, Philippines, unknown.	2	18	.....	Calif., Hawaii, N. Y., Oreg., Wash.
C. paradisi (grapefruit)	India, Japan, *Okinawa, *Pitcairn Island(?).	1	11	.....	Ala., Calif., Hawaii, Oreg., Pa.
C. paradisi X C. reticulata (tangelo)	Japan	.....	12	.....	Hawaii, N. Y.
C. reticulata (Mandarin orange) dried peel and fruit.	China, Formosa, Hong Kong, Japan, Pakistan(?), Thailand, unknown.	19	5	.....	Ariz., Calif., Fla., Hawaii, Ill., Mass., Md., Mich., N. Y., Oreg., Tex.
C. sinensis (sweet orange)	China, Formosa, Hong Kong, India, Japan, unknown, Viet-Nam.	19	89	.....	Ala., Calif., Hawaii, La., Md., N. C., N. Y., Pa., Oreg., Tex., Wash.
Citrus hybrid	Japan	.....	4	.....	N. Y., Ohio.
Citrus sp. (dried peel, leaf, and fruit)	China, Formosa, Japan, *Macao, Thailand.	5	4	.....	Hawaii, Md., N. Y., S. C., Wash.
Xanthomonas hederae (Arn.) Dows.:					
Hedera helix (English ivy) leaf	Unknown	.....	1	.....	Ill.
Xanthomonas sp. (Cancrosis B):					
Citrus aurantium (sour orange)	Argentina	.....	1	.....	Ga.
C. limon (lemon)	Argentina, Brazil.	.....	10	.....	Fla., N. Y., Pa.

*First from country.

Hosts and Diseases

ABIES:
**Calcarisporium arbuscula (Deuteromycetes)
ACACIA:
**Uromycladium alpinum (Promycetes)
**U. notabile (Promycetes)
ACER:
**Cryptostroma corticale (Deuteromycetes)
**Prosthecium innesii (Ascomycetes)
**Septomyxa tulasnei (Deuteromycetes)
**Septoria aceris (Deuteromycetes)
ACONITUM:
Meloidogyne hapla (Nematoda)
AGAPANTHUS:
Meloidogyne javanica javanica (Nematoda)
AGAVE:
Leptosphaeria obtusispora (Ascomycetes)
ALLIUM:
Mycosphaerella schoenoprasi (Ascomycetes)
ALOCASIA:
Meloidogyne arenaria (Nematoda)
ALOE:
Meloidogyne javanica javanica (Nematoda)
Uromyces aloes (Promycetes)
ALOPECURUS:
Puccinia poae-nemoralis (Promycetes)
ALTHAEA:
**Puccinia lobata (Promycetes)
ALYXIA:
Uromyces alyxiae (Promycetes)
ANEMONE:
Meloidogyne hapla (Nematoda)
ANTHURIUM:
Phyllachora engleri (Ascomycetes)
Radopholus similis (Nematoda)
APIUM:
Meloidogyne incognita incognita (Nematoda)
AQUILEGIA:
Meloidogyne hapla (Nematoda)
ARAUCARIA:
Botryosphaeria berengeriana var. araucariae (Ascomycetes)
Cryptospora longispora (Ascomycetes)
Macrophoma araucariae (Deuteromycetes)
ARTEMISIA:
Meloidogyne hapla (Nematoda)
ARUNDINA:
Phyllostictina pyriformis (Deuteromycetes)
ASTILBE:
Meloidogyne hapla (Nematoda)
BAMBOO:
**Apiospora shiraiana (Ascomycetes)
BAMBUSA:
Tylenchorhynchus crassicaudatus (Nematoda)
*Uredo ignava (Promycetes)
BETA:
Meloidogyne incognita incognita (Nematoda)
M. javanica javanica (Nematoda)
BETULA:
Melampsoridium betulinum (Promycetes)
BLETILLA:
Aphelenchoides ritzema-bosi (Nematoda)
BORASSUS:
Graphiola borassi (Promycetes)
BOUGAINVILLEA:
**Cercospora bougainvilleae (Deuteromycetes)
BROMELIAD:
*Uredo nidularii (Promycetes)
*U. tillandsiae (Promycetes)
BUXUS:
**Phyllosticta buxina (Deuteromycetes)
*Puccinia buxi (Promycetes)
CACTUS:
Meloidogyne incognita incognita (Nematoda)
CALADIUM:
Meloidogyne arenaria (Nematoda)
M. incognita acrita (Nematoda)
CALANTHE:
Coleosporium bletiae (Promycetes)
CALLICARPA:
Meloidogyne hapla (Nematoda)
CAMPANULA:
Meloidogyne hapla (Nematoda)
CANNA:
*Puccinia thaliae (Promycetes)
CARTHAMUS:
Puccinia carthami (Promycetes)
CASIMIROA:
**Melanospora destruens (Ascomycetes)
CATASETUM:
*Physalospora wildemanniana (Ascomycetes)
CATTLEYA:
Cercospora angraeci (Deuteromycetes)
Mycosphaerella cattleyae (Ascomycetes)
CENTAUREA:
**Puccinia cyani (Promycetes)
CEPHALOTAXUS:
**Phyllostictina hysterella (Deuteromycetes)
CEREUS:
Mycosphaerella opuntiae (Ascomycetes)
CHAMAEDOREA:
**Bagnisiopsis chamaedoreae (Ascomycetes)
Curvularia lunata (Deuteromycetes)
*Diaporthe arctii (Ascomycetes)
*Mycosphaerella palmae (Ascomycetes)
CHONDRORHYNCHA:
**Uredo lynchii (Promycetes)
CHRYSANTHEMUM:
Meloidogyne hapla (Nematoda)
Puccinia horiana (Promycetes)
CICHORIUM:
Pseudomonas marginalis (Schizomycetes)
CIRSIUM:
**Puccinia calcitrapae (Promycetes)
CITRUS AURANTIFOLIA:
Elsinoe australis (Ascomycetes)
Guignardia citricarpa (Ascomycetes)
Pseudomonas syringae (Schizomycetes)
Xanthomonas citri (Schizomycetes)
CITRUS AURANTIUM:
Guignardia citricarpa (Ascomycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B)(Schizomycetes)
CITRUS GRANDIS:
Guignardia citricarpa (Ascomycetes)
Xanthomonas citri (Schizomycetes)
CITRUS ICHANGENSIS:
*Xanthomonas citri (Schizomycetes)
CITRUS LIMON:
Elsinoe australis (Ascomycetes)
Guignardia citricarpa (Ascomycetes)
Pseudomonas syringae (Schizomycetes)
Septoria limonum (Deuteromycetes)
Sphaceloma fawcettii var. scabiosa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B)(Schizomycetes)
CITRUS PARADISI:
Elsinoe australis (Ascomycetes)
Guignardia citricarpa (Ascomycetes)
*Xanthomonas citri (Schizomycetes)
CITRUS PARADISI X C. RETICULATA:
Xanthomonas citri (Schizomycetes)
CITRUS RETICULATA:
Elsinoe australis (Ascomycetes)
Guignardia citricarpa (Ascomycetes)
Xanthomonas citri (Schizomycetes)
CITRUS RETICULATA CV.:
Guignardia citricarpa (Ascomycetes)
CITRUS RETICULATA X C. SINENSIS:
Elsinoe australis (Ascomycetes)
Guignardia citricarpa (Ascomycetes)

*First from country of origin. **First interception.

Hosts and Diseases--Continued

CITRUS SINENSIS:
Ascochyta citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Guignardia citricarpa (Ascomycetes)
Pseudomonas syringae (Schizomycetes)
Xanthomonas citri (Schizomycetes)
CITRUS HYBRID:
Elsinoe australis (Ascomycetes)
Xanthomonas citri (Schizomycetes)
CITRUS SP.:
Guignardia citricarpa (Ascomycetes)
*Xanthomonas citri (Schizomycetes)
CLEMATIS:
Meloidogyne hapla
COCOS:
*Cytospora palmicola (Deuteromycetes)
Phomopsis cocoes (Deuteromycetes)
CODIAEUM:
**Cercospora capitati (Deuteromycetes)
COLOCASIA:
Meloidogyne incognita acrita (Nematoda)
CONVALLARIA:
**Puccinia sessilis (Promycetes)
CORDYLINE:
*Phyllosticta dracaenae (Deuteromycetes)
*P. draconis (Deuteromycetes)
CUCURBITA:
Curvularia lunata (Deuteromycetes)
CYDONIA:
*Monilinia fructigena (Ascomycetes)
CYMBIDIUM:
**Camposporium antennatum (Deuteromycetes)
CYNARA:
**Ascochyta cynarae (Deuteromycetes)
CYNODON:
*Helminthosporium cynodontis (Deuteromycetes)
*Phyllachora cynodontis (Ascomycetes)
CYTISUS:
Coniothyrium cytisellum (Deuteromycetes)
DAHLIA:
Coleosporium dahliae (Promycetes)
Meloidogyne incognita acrita (Nematoda)
DAPHNE:
**Marssonina daphnes (Deuteromycetes)
DAUCUS:
Meloidogyne javanica javanica (Nematoda)
DENDROBIUM:
*Cercospora angraeci (Deuteromycetes)
*C. odontoglossi (Deuteromycetes)
DESMODIUM:
**Synchytrium aecidioides (Phycomycetes)
DIANTHUS:
Puccinia arenariae (Promycetes)
DIGITARIA:
**Sphacelotheca digitariae (Promycetes)
DORONICUM:
Meloidogyne hapla (Nematoda)
EPIDENDRUM:
Cercospora angraeci (Deuteromycetes)
Mycosphaerella cattleyae (Ascomycetes)
Phyllostictina pyriformis (Deuteromycetes)
Septoria selenophomoides (Deuteromycetes)
Uredo epidendri (Promycetes)
FAGUS:
**Cryptodiaporthe galericulata (Ascomycetes)
FORSYTHIA:
Meloidogyne javanica javanica (Nematoda)
GAYOPHYTUM:
*Puccinia pulverulenta (Promycetes)
GENISTA:
*Coniothyrium genistae (Deuteromycetes)
**Rhabdospora vermicularioides (Deuteromycetes)
Uromyces genistae-tinctoriae (Promycetes)
GERANIUM:
Meloidogyne hapla (Nematoda)
GERBERA:
**Cercospora gerberae (Deuteromycetes)
GEUM:
Meloidogyne hapla (Nematoda)
GLADIOLUS:
Meloidogyne incognita incognita (Nematoda)
GOSSYPIUM:
Phakopsora gossypii (Promycetes)
Puccinia cacabata (Promycetes)
GRAMINEAE:
Curvularia lunata (Deuteromycetes)
GUILIELMA:
**Ceratocystis pluriannulata(?)(Ascomycetes)
HEDERA:
Xanthomonas hederae (Schizomycetes)
HELICONIA:
Puccinia heliconiae (Promycetes)
HEPATICA:
Septoria hepaticae (Deuteromycetes)
HEXISEA:
*Physalospora wildemanniana (Ascomycetes)
HOSTA:
**Phyllostictina cruenta (Deuteromycetes)
**Puccinia sessilis (Promycetes)
HOFFMANNIA:
Meloidogyne incognita acrita (Nematoda)
HUNTLEYA:
Mycosphaerella cattleyae (Ascomycetes)
HYACINTHUS:
**Uromyces muscari (Promycetes)
ILEX:
**Phyllosticta ilicis (Deuteromycetes)
**Phyllostictina ilicicola (Deuteromycetes)
IPOMOEA:
**Elsinoe batatas (Ascomycetes)
*Meloidogyne incognita acrita (Nematoda)
IRIS:
Pratylenchus penetrans (Nematoda)
JASMINUM:
Tylenchorhynchus crassicaudatus (Nematoda)
JATROPHA:
Phakopsora jatrophicola (Promycetes)
JUNIPERUS:
Gymnosporangium haraeanum (Promycetes)
LABURNUM:
Coniothyrium cytisellum (Deuteromycetes)
LACTUCA:
*Meloidogyne incognita acrita (Nematoda)
LENS:
*Uromyces viciae-fabae (Promycetes)
LEONOTIS:
**Puccinia leonotidicola (Promycetes)
LIMONIUM:
*Cercospora insulana (Deuteromycetes)
LYCOPERSICON:
*Ascochyta lycopersici (Deuteromycetes)
MACROZAMIA:
**Cryptosporella macrozamiae (Ascomycetes)
MALUS:
**Apple ring spot virus (Virus)
*Elsinoe piri (Ascomycetes)
Monilinia fructigena (Ascomycetes)
*Phoma pomi (Deuteromycetes)
MANGIFERA:
*Elsinoe mangiferae (Ascomycetes)
Phyllostictina mangiferae (Deuteromycetes)
MANIHOT:
*Cercospora caribaea (Deuteromycetes)
MENTHA:
**Ramularia menthicola (Deuteromycetes)
MESEMBRYANTHEMUM:
*Camarosporium ellipticum (Deuteromycetes)
METROSIDEROS:
*Metasphaeria hawaiiensis (Ascomycetes)
MISCANTHUS:
**Phyllachora miscanthi (Ascomycetes)
MORMODES:
Uredo gynandrearum (Promycetes)

*First from country of origin. **First interception.

Hosts and Diseases--Continued

MUSA:
*Phyllostictina musarum (Deuteromycetes)
NARCISSUS:
Ditylenchus dipsaci (Nematoda)
NASTURTIUM:
**Cercospora nasturtii (Deuteromycetes)
NOTHOFAGUS:
*Diaporthe medusaea (Ascomycetes)
OLEA:
Cycloconium oleaginum (Deuteromycetes)
ONCIDIUM:
Anthostomella keissleri (Phycomycetes)
Phyllostictina pyriformis (Deuteromycetes)
Sphenospora saphena (Promycetes)
*Uredo oncidii (Promycetes)
OPUNTIA:
Mycosphaerella opuntiae (Ascomycetes)
ORCHID:
*Curvularia lunata (Deuteromycetes)
Mycosphaerella cattleyae (Ascomycetes)
*Phyllostictina pyriformis (Deuteromycetes)
Physalospora wildemanniana (Ascomycetes)
Septoria selenophomoides (Deuteromycetes)
ORNITHOGALUM:
*Didymellina ornithogali (Ascomycetes)
Puccinia ornithogali-thyrsoides (Promycetes)
ORYZA:
**Ascochyta oryzae (Deuteromycetes)
**Myxotrichum chartarum (Ascomycetes)
*Neovossia horrida (Promycetes)
**Phaeosphaeria eustoma (Ascomycetes)
**Phyllosticta oryzina (Deuteromycetes)
*Pyrenochaeta oryzae (Deuteromycetes)
Septoria curvula (Deuteromycetes)
S. miyakei (Deuteromycetes)
*S. oryzae (Deuteromycetes)
*Ustilaginoidea virens (Deuteromycetes)
OXALIS:
**Urocystis oxalidis (Promycetes)
PACHYCEREUS:
Mycosphaerella opuntiae (Ascomycetes)
PAEONIA:
**Aphelenchoides saprophilus (Nematoda)
PALM:
Graphiola borassi (Promycetes)
Meloidogyne incognita acrita (Nematoda)
*Mycosphaerella palmae (Ascomycetes)
*Phomopsis palmicola (Deuteromycetes)
PANICUM:
**Sorosporium afrum (Promycetes)
PASSIFLORA:
Ascochyta passiflorae (Deuteromycetes)
*Septoria fructigena (Deuteromycetes)
PERSEA:
*Cercospora purpurea (Deuteromycetes)
PHAIUS:
Coleosporium bletiae (Promycetes)
PHALAENOPSIS:
Phyllostictina pyriformis (Deuteromycetes)
PHILODENDRON:
**Ceratocystis montia(?)(Ascomycetes)
*Mycosphaerella philodendri (Ascomycetes)
PHORADENDRON:
**Phyllosticta visci (Deuteromycetes)
PHRAGMITES:
*Puccinia magnusiana (Promycetes)
Scirrhia rimosa (Ascomycetes)
PICEA:
Thecopsora areolata (Promycetes)
PIMENTA:
Puccinia psidii (Promycetes)
PINUS:
**Ceratocystis coerulescens(?)(Ascomycetes)
**Coleosporium rhinanthracearum (Promycetes)
PISTACIA:
**Pileolaria terebinthi (Promycetes)
PLUMERIA:
Coleosporium plumierae (Promycetes)
**Phomopsis lirella (Deuteromycetes)
POTENTILLA:
**Pucciniastrum potentillae (Promycetes)
PROTEA:
Aphysa senniana (Ascomycetes)
Leptosphaeria protearum (Ascomycetes)
Mycosphaerella proteae (Ascomycetes)
PRUNUS:
Monilinia fructigena (Ascomycetes)
PSIDIUM:
Cercospora psidii (Deuteromycetes)
PUNICA:
*Sphaceloma punicae (Deuteromycetes)
PYRUS:
*Monilinia fructigena (Ascomycetes)
QUERCUS:
**Diatrype albopruinosa (Ascomycetes)
*Discula quercina (Deuteromycetes)
RHIPSALIS:
*Mycosphaerella opuntiae (Ascomycetes)
RHODODENDRON:
Chrysomyxa ledi var. rhododendri (Promycetes)
ROSA:
**Ceratocystis tetropii(?)(Ascomycetes)
RUSCUS:
Phyllosticta ruscicola (Deuteromycetes)
SACCHARUM:
Scirrhia lophodermioides (Ascomycetes)
SALIX:
**Coniothyrium eurotioides (Deuteromycetes)
**Haplosporella salicicola (Deuteromycetes)
**Myxofusicoccum salicis (Deuteromycetes)
*Valsa translucens (Ascomycetes)
SASA(?):
Puccinia kusanoi (Promycetes)
SCIRPUS:
*Puccinia scirpi (Promycetes)
SCLERIA:
**Puccinia scleriicola (Promycetes)
SOBRALIA:
Mycosphaerella cattleyae (Ascomycetes)
SOIL:
*Criconema fimbriatum (Nematoda)
Criconemoides xenoplax (Nematoda)
**Helicotylenchus microlobus (Nematoda)
Heterodera avenae (Nematoda)
*H. cruciferae (Nematoda)
*H. fici (Nematoda)
H. humuli (Nematoda)
H. punctata (Nematoda)
H. rostochiensis (Nematoda)
*H. trifolii (Nematoda)
*Rotylenchus uniformis (Nematoda)
Scutellonema brachyurum (Nematoda)
*Tylenchorhynchus brevidens (Nematoda)
T. dubius (Nematoda)
SOLANUM:
*Colletotrichum atramentarium (Deuteromycetes)
*Meloidogyne incognita acrita (Nematoda)
**Phoma tuberosa (Deuteromycetes)
Thecaphora solani (Promycetes)
SORBUS:
**Coryneum sorbi (Deuteromycetes)
*Gymnosporangium cornutum (Promycetes)
SPARTINA:
**Leptosphaeria spartinae (Ascomycetes)
STACHYTARPHETA:
**Cercospora stachytarphetae (Deuteromycetes)
*Puccinia urbaniana (Promycetes)

*First from country of origin. **First interception.

Hosts and Diseases--Continued

STANHOPEA:
Cercospora angraeci (Deuteromycetes)
Guignardia traversi (Ascomycetes)
*Phyllosticta stanhopeae (Deuteromycetes)
Phyllostictina pyriformis (Deuteromycetes)
Physalospora camptospora (Ascomycetes)
STELIS:
*Puccinia oncidii (Promycetes)
STEVIA:
**Coleosporium steviae (Promycetes)
TABEBUIA:
**Prospodium plagiopous (Promycetes)
TILLANDSIA:
Uredo nidularii (Promycetes)
*U. tillandsiae (Promycetes)
TRIFOLIUM:
*Pseudopeziza trifolii (Ascomycetes)
ULLUCUS:
Fusarium oxysporum (Deuteromycetes)
ULMUS:
**Rhabdospora ulmi (Deuteromycetes)
VACCINIUM:
**Physalospora vaccinii (Ascomycetes)
*Pucciniastrum vaccinii (Promycetes)
VICIA:
Uromyces viciae-fabae (Promycetes)
VIOLA:
Meloidogyne hapla (Nematoda)
Phyllosticta violae (Deuteromycetes)
YUCCA:
Leptosphaeria obtusispora (Ascomycetes)
ZEBRINA:
*Uromyces commelinae (Promycetes)
ZINGIBER:
*Meloidogyne arenaria (Nematoda)
M. incognita acrita (Nematoda)
*Nectria ochroleuca (Ascomycetes)
ZOYSIA:
Meloidogyne incognita acrita (Nematoda)

Countries of Origin and Diseases

AFGHANISTAN:
Puccinia poae-nemoralis
Xanthomonas citri
AFRICA (country(?)):
Guignardia citricarpa
AMERICAN SAMOA:
*Mycosphaerella palmae
Phyllostictina pyriformis
ARGENTINA:
Elsinoe australis
Guignardia citricarpa
*Sphaceloma punicae
Xanthomonas sp. (Cancrosis B)
AUSTRALIA:
Botryosphaeria berengeriana var. araucariae
*Cercospora angraeci
Cryptospora longispora
**Cryptosporella macrozamiae
Guignardia citricarpa
Macrophoma araucariae
*Phyllosticta dracaenae
*Phyllostictina musarum
Sphaceloma fawcettii var. scabiosa
**Uromycladium alpinum
**U. notabile
AUSTRIA:
Chrysomyxa ledi var. rhododendri
Thecopsora areolata
AZORES:
Heterodera rostochiensis
**Pucciniastrum potentillae
BAHAMAS:
*Curvularia lunata
*Elsinoe mangiferae
Mycosphaerella cattleyae
BELGIUM:
Heterodera avenae
H. punctata
H. rostochiensis
Pseudomonas marginalis
*Rotylenchus uniformis
Tylenchorhynchus dubius
BELGIUM(?):
**Cryptostroma corticale
BOLIVIA:
**Urocystis oxalidis
BRAZIL:
Elsinoe australis
E. mangiferae
Guignardia citricarpa
Meloidogyne incognita acrita
M. javanica javanica
*Uromyces viciae-fabae
Xanthomonas sp. (Cancrosis B)
BRITISH HONDURAS:
*Elsinoe mangiferae
Uredo oncidii
BULGARIA:
*Monilinia fructigena
**Uromyces muscari
CANADA:
Chrysomyxa ledi var. rhododendri
Heterodera punctata
CANAL ZONE:
Meloidogyne arenaria
Mycosphaerella cattleyae
*Physalospora wildemanniana
CAYMAN ISLANDS:
*Elsinoe mangiferae
CHILE:
*Heterodera fici
Meloidogyne incognita acrita
**Ramularia menthicola
Uromyces viciae-fabae
CHINA:
Guignardia citricarpa
Xanthomonas citri
CHINA(?):
*Puccinia horiana
COLOMBIA:
Ascochyta passiflorae
*Cercospora insulana
*Elsinoe mangiferae
Mycosphaerella cattleyae
*Uredo oncidii
*Uromyces viciae-fabae
COSTA RICA:
Elsinoe mangiferae
Phyllachora engleri
*Physalospora wildemanniana

*First from country. **First interception.

Countries of Origin and Diseases--Continued

COSTA RICA--Continued
Uredo gynandrearum
U. oncidii
DENMARK:
**Ceratocystis tetropii(?)
Heterodera rostochiensis
DOMINICA:
*Puccinia thallae
DOMINICAN REPUBLIC:
Elsinoe mangiferae
Phakopsora jatrophicola
Puccinia urbaniana
*Septoria fructigena
ECUADOR:
Uromyces viciae-fabae
EL SALVADOR:
*Elsinoe mangiferae
*Phyllosticta stanhopeae
Uredo oncidii
ENGLAND:
*Diaporthe medusaea
*Didymellina ornithogali
Ditylenchus dipsaci
Heterodera avenae
H. humuli
H. punctata
H. rostochiensis
*H. trifolii
**Leptosphaeria spartinae
Meloidogyne hapla
Monilinia fructigena
**Phyllosticta buxina
Puccinia buxi
**Rhabdospora vermicularioides
**Septomyxa tulasnei
EUROPE (country(?)):
Chrysomyxa ledi var. rhododendri
Heterodera avenae
H. punctata
H. rostochiensis
Puccinia buxi
FIJI:
*Nectria ochroleuca
FINLAND:
Gymnosporangium cornutum
Melampsoridium betulinum
FORMOSA:
*Cercospora odontoglossi
Guignardia citricarpa
*Phyllachora cynodontis
Uredo ignava
Xanthomonas citri
FRANCE:
**Ascochyta cynarae
**Ceratocystis coerulescens(?)
Heterodera punctata
H. rostochiensis
Monilinia fructigena
**Phyllosticta visci
Puccinia buxi
**P. cyani
**Septoria aceris
*Valsa translucens
GERMANY:
Chrysomyxa ledi var. rhododendri
**Coleosporium rhinanthracearum
Heterodera avenae
H. humuli
H. punctata
H. rostochiensis
Meloidogyne hapla
Monilinia fructigena
Puccinia arenariae
**P. sessilis
Scirrhia rimosa
GREECE:
Meloidogyne javanica javanica
GUAM:
Cytospora palmicola
GUATEMALA:
*Cercospora caribaea
C. insulana
*Criconema fimbriatum
Meloidogyne arenaria
M. incognita acrita
Mycosphaerella cattleyae
*M. opuntiae
*M. palmae
Physalospora camptospora
Puccinia heliconiae
Septoria selenophomoides
**Uredo lynchii
U. oncidii
*U. tillandsiae
HAITI:
Elsinoe mangiferae
*Puccinia urbaniana
HAWAII:
Phomopsis cocoes
**P. lirella
Radopholus similis
Uromyces alyxiae
HONDURAS:
*Cercospora purpurea
Elsinoe mangiferae
Mycosphaerella cattleyae
HONG KONG:
**Apiospora shiraiana
Guignardia citricarpa
Meloidogyne incognita acrita
Xanthomonas citri
HUNGARY:
*Puccinia buxi
INDIA:
Coleosporium bletiae
Graphiola borassi
Guignardia citricarpa
Pyrenochaeta oryzae
**Rhabdospora ulmi
Septoria oryzae
*Uredo ignava
Xanthomonas citri
INDONESIA:
*Cercospora angraeci
Xanthomonas citri
IRAN:
**Sphacelotheca digitariae
IRELAND:
Heterodera punctata
H. rostochiensis
**Phyllosticta ilicis
Puccinia buxi
**Septoria aceris
ISRAEL:
Meloidogyne incognita incognita
Pseudomonas syringae
ITALY:
**Calcarisporium arbuscula
**Coniothyrium eurotioides
Cycloconium oleaginum
**Haplosporella salicicola

*First from country. **First interception.

Countries of Origin and Diseases--Continued

ITALY--Continued
Heterodera avenae
H. punctata
**Marssonina daphnes
Meloidogyne incognita incognita
M. javanica javanica
Monilinia fructigena
**Myxofusicoccum salicis
Phyllosticta ruscicola
**Phyllostictina ilicicola
**Prosthecium innesii
Pseudomonas syringae
IVORY COAST:
*Meloidogyne incognita acrita
JAMAICA:
**Camposporium antennatum
**Cercospora bougainvilleae
*Cytospora palmicola
Elsinoe mangiferae
Phakopsora gossypii
Phyllostictina pyriformis
Puccinia psidii
*P. urbaniana
*Uredo nidularii
U. oncidii
JAPAN:
Aphelenchoides ritzema-bosi
**A. saprophilus
Ascochyta citri
*A. lycopersici
**A. oryzae
Criconemoides xenoplax
Guignardia citricarpa
Gymnosporangium haraeanum
Heterodera avenae
Meloidogyne hapla
M. incognita acrita
M. incognita incognita
Mycosphaerella schoenoprasi
**Myxotrichum chartarum
Neovossia horrida
**Phaeosphaeria eustoma
*Phoma pomi
**P. tuberosa
**Phyllosticta oryzina
**Phyllostictina cruenta
**P. hysterella
Pratylenchus penetrans
Puccinia horiana
P. kusanoi
*P. magnusiana
**P. sessilis
Septoria curvula
S. miyakei
S. oryzae
Tylenchorhynchus crassicaudatus
Ustilaginoidea virens
Xanthomonas citri
JORDAN:
*Tylenchorhynchus brevidens
KENYA:
*Helminthosporium cynodontis
Phyllachora cynodontis
KOREA:
Guignardia citricarpa
**Phyllachora miscanthi
*Pyrenochaeta oryzae
*Septoria oryzae
LAOS:
*Xanthomonas citri
LEBANON:
**Pileolaria terebinthi
MACAO:
*Xanthomonas citri
MALAYSIA:
Xanthomonas citri
MEXICO:
Anthostomella keissleri
**Bagnisiopsis chamaedoreae
**Ceratocystis montia(?)
Cercospora angraeci
**C. capitati
**C. nasturtii
C. psidii
Coleosporium dahliae
C. plumierae
**C. steviae
Curvularia lunata
*Diaporthe arctii
**Diatrype albopruinosa
*Discula quercina
**Elsinoe batatas
E. mangiferae
Guignardia traversi
**Helicotylenchus microlobus
Heterodera punctata
Leptosphaeria obtusispora
**Melanospora destruens
Meloidogyne arenaria
M. incognita acrita
Mycosphaerella cattleyae
M. opuntiae
Phoma pomi
Phyllostictina mangiferae
P. pyriformis
Physalospora camptospora
P. wildemanniana
**Prospodium plagiopous
Puccinia cacabata
**P. calcitrapae
P. carthami
**P. leonotidicola
**P. lobata
Scirrhia lophodermioides
Scutellonema brachyurum
Septoria selenophomoides
Sphaceloma punicae
**Synchytrium aecidioides
Thecaphora solani
Uredo epidendri
U. nidularii
Uromyces viciae-fabae
MOZAMBIQUE:
Guignardia citricarpa
NETHERLANDS:
Coniothyrium cytisellum
*C. genistae
**Cryptodiaporthe galericulata
*Heterodera cruciferae
H. punctata
H. rostochiensis
Meloidogyne hapla
Monilinia fructigena
Uromyces genistae-tinctoriae
NEW CALEDONIA:
*Metasphaeria hawaiiensis

*First from country. **First interception.

Countries of Origin and Diseases--Continued

NEW GUINEA:
*Cercospora angraeci
NEW ZEALAND:
**Apple ring spot virus
Cryptospora longispora
Macrophoma araucariae
*Pseudopeziza trifolii
NICARAGUA:
Uredo oncidii
NORFOLK ISLAND:
Cryptospora longispora
Macrophoma araucariae
NORWAY:
Heterodera punctata
**Physalospora vaccinii
*Pucciniastrum vaccinii
Septoria hepaticae
OKINAWA:
Guignardia citricarpa
*Xanthomonas citri
PAKISTAN(?):
Xanthomonas citri
PANAMA:
**Ceratocystis pluriannulata(?)
**Cercospora stachytarphetae
*Elsinoe mangiferae
Mycosphaerella cattleyae
*Uredo tillandsiae
*Uromyces commelinae
PARAGUAY:
Elsinoe australis
PERU:
**Cercospora gerberae
Fusarium oxysporum
Heterodera rostochiensis
*Meloidogyne incognita acrita
*Puccinia oncidii
*P. pulverulenta
Sphenospora saphena
*Uromyces viciae-fabae
PHILIPPINES:
*Elsinoe mangiferae
Guignardia citricarpa
*Meloidogyne arenaria
M. incognita acrita
*Phyllostictina musarum
P. pyriformis
Tylenchorhynchus crassicaudatus
Xanthomonas citri
PITCAIRN ISLAND(?):
*Xanthomonas citri
POLAND:
*Gymnosporangium cornutum
Heterodera rostochiensis
PORTUGAL:
*Elsinoe piri
Monilinia fructigena
Puccinia scirpi
PUERTO RICO:
Elsinoe mangiferae
REPUBLIC OF SOUTH AFRICA:
Aphysa senniana
Didymellina ornithogali
Guignardia citricarpa
Leptosphaeria protearum
Meloidogyne incognita incognita
M. javanica javanica
Mycosphaerella proteae
Puccinia ornithogali-thyrsoides
**Sorosporium afrum
Uromyces aloes
RHODESIA:
**Puccinia sclerotioola
SAUDI ARABIA:
*Pyrenochaeta oryzae
SCOTLAND:
**Coryneum sorbi
Heterodera punctata
H. rostochiensis
*Pucciniastrum vaccinii
SOUTH AMERICA (country(?)):
Elsinoe australis
Guignardia citricarpa
SPAIN:
*Camarosporium ellipticum
*Colletotrichum atramentarium
Heterodera rostochiensis
Monilinia fructigena
*Puccinia buxi
*P. scirpi
Septoria limonum
SURINAM:
*Meloidogyne incognita acrita
*Mycosphaerella philodendri
*Phyllostictina pyriformis
SWEDEN:
Phyllosticta violae
SWITZERLAND:
Chrysomyxa ledi var. rhododendri
TAHITI:
*Phyllostictina musarum
TAHITI(?):
Guignardia citricarpa
THAILAND:
Guignardia citricarpa
*Phyllosticta draconis
Phyllostictina pyriformis
Xanthomonas citri
TRINIDAD:
*Elsinoe mangiferae
*Phomopsis palmicola
UNKNOWN:
Cercospora angraeci
Elsinoe australis
Guignardia citricarpa
Heterodera rostochiensis
Puccinia buxi
Xanthomonas citri
X. hederae
URUGUAY:
Elsinoe australis
VENEZUELA:
*Heterodera fici
VIET-NAM:
**Ascochyta oryzae
Guignardia citricarpa
*Neovossia horrida
*Ustilaginoidea virens
Xanthomonas citri
YUGOSLAVIA:
Chrysomyxa ledi var. rhododendri
ZAMBIA:
*Phyllachora cynodontis

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